



DEPARTMENT OF THE NAVY

NAVAL AIR SYSTEMS COMMAND
RADM WILLIAM A. MOFFET BUILDING
47123 BUSE ROAD, BLDG 2272
PATUXENT RIVER, MARYLAND 20670-1547

IN REPLY REFER TO:
CJ&A: 22-0092

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

1. Contracting Activity.

Naval Air Systems Command (NAVAIR) Headquarters

2. Description of the Action Being Approved.

This Class Justification and Approval (CJ&A) authorizes and approves the issuance of sole source contract actions with Williams International (Williams) of Walled Lake, Michigan for engineering services and engines/hardware in support of the Tactical Tomahawk All-Up-Round (TACTOM AUR) F415-WR-400 (WJ38-7) engine and its variants. Authority to act under this CJ&A expires on 30 September 2025.

3. Description of Supplies/Services.

This CJ&A authorizes the procurement of engineering services and hardware, to include studies and related data associated with the F415-WR-400 (WJ38-7) engine and its variants. Tasking will include but not be limited to:

- Systems engineering and logistics support for emergent tasks
- Set up, conduct and analyze engine reliability tests
- Set up, conduct and analyze engine bearing tests
- Set up, conduct and analyze engine system component level tests
- Collect and analyze engine and component test data
- Analysis of historical engine data
- Engine familiarization training
- Procurement of engines to support reliability and future qualification testing
- Procurement of engine components to support testing

The estimated completion date for this base plus two option years effort will be 30 September 2025. The total estimated value of this CJ&A is **\$7M**. Operations and Maintenance, Navy (O&MN) is provided for engineering support and Weapons Procurement, Navy (WPN) 2 is provided for engine and engine component procurements.

Estimated Dollar Value

	FY22-FY24 Total
O&MN	\$3,800,000
WPN	\$3,200,000
Total	\$7,000,000

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.

Pursuant to Federal Acquisition Regulation (FAR) 6.302-1(a)(2)(ii) and (iii), NAVAIR has determined the required supplies and services are available only from the original source in the case of a follow-on contract. Procurement of these supplies and services from any vendor other than Williams would result in substantial duplication of costs to the Government that is not expected to be recovered through competition, as well as substantial delays in providing test equipment required to perform engineering tasks. The original contract was awarded to Williams and was not competed. Williams is the Original Equipment Manufacturer and the only qualified supplier of the F415 engine. Williams developed the F415-WR-400 (WJ38-7) engine at its own expense and owns the Technical Data Package. Accordingly, Williams will not sell any of its proprietary and technical data regarding the design of the engine, which would be required for an alternate source to provide the required services. In addition, Williams currently maintains the tooling and test equipment required to manufacture and test the F415 engine. In order to stand up another source for engines, as well as provide studies and analysis related to engine testing, a duplicate test cell and tooling would be required estimated at \$8.076M in FY22 dollars based on the original procurement cost of \$5.7M in September 2002. The timeline to build a test cell would be a minimum of two (2) years based on the original contract period of performance. Additionally, the time required to build the duplicate tooling and test equipment would delay critical engineering tasks required to improve the engine bearing reliability. For these reasons, Williams is the only known source able to provide engineering services and engines/hardware in support of the TACTOM AUR F415-WR-400 (WJ38-7) engine and its variants.

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

In accordance with Defense Federal Acquisition Regulation Supplement (DFARS) Procedures, Guidance, and Information (PGI) 206.302-1 a sources sought was published on SAM.gov website on 21 October 2021 with no responses received. In accordance with FAR 5.201(b), this requirement was synopsisized on SAM.gov on 1 November 2021. No responses were received. No additional market research was conducted because it is not practicable for any company other than Williams to provide the required supplies and services for the reasons discussed in paragraph 5.

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 CJ&A will be fair and reasonable.

8. Actions to Remove Barriers to Future Competition.


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

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:

	Digitally signed by MUFTI.BISHER.FAISAL.JR.1236945037 Date: 2022.07.12 09:18:02 -04'00'	CAPT Bisher Mufti	(301)757-6404
Signature		Name (Printed)	Phone No. Date

Requirements Cognizance:

HORNER.JAMES.E. 1200638944	Digitally signed by HORNER.JAMES.E.1200638944 Date: 2022.07.11 13:30:25 -04'00'	James Horner	(301)757-6405
Signature		Name (Printed)	Phone No. Date

LEGAL SUFFICIENCY REVIEW

I have determined this Justification is legally sufficient.

MARIEN.ANDREW.S TEVEN.1013772998	Digitally signed by MARIEN.ANDREW.STEVEN.1013772998 Date: 2022.07.18 10:52:20 -04'00'	Andrew Marien	
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.

	Diana Harritt		
Signature	Name (Printed)	Phone No.	Date

SENIOR PROCUREMENT EXECUTIVE APPROVAL

Upon the basis of the above justification, I hereby approve, as Senior Procurement Executive of the Navy, 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. 2304(c)(1), Only one responsible source and no other supplies or services will satisfy agency requirements.

Greg Linsky Director, PEO (U&W) Procurement Group Naval Air Systems Command	Date
---	------