

## SOLE SOURCE JUSTIFICATION

### 1. Identification of Agency and Contracting Activity.

**Requiring Activity:** Naval Computer and Telecommunications Area  
Master Station Atlantic (NCTAMS LANT)  
- Detachment Cutler  
175 Ridge Road  
Cutler, ME 04626

**Contracting Activity:** NAVSUP Fleet Logistics Center Norfolk  
1968 Gilbert Street  
Norfolk, Virginia 23511-3392

**Requisition Number:** N6303823RCCC504

### 2. Description of the Action Being Approved.

This is a sole source action for the provision of Machlett Laboratories (ML) 6697A Electron Tubes. These tubes provide the final power amplification for the Army-Navy/Frequency Radio Transmit-31 (AN/FRT-31) Very Low Frequency (VLF) transmitter in support of NCTAMS LANT – Detachment Cutler that are currently performed under Contract N0018920P0722. Contract N0018920P0722 was awarded 16 September 2020 on a sole source basis as a firm, fixed-price contract to Communications & Power Industries LLC (CPI), a large business (manufacturer of the required electron tubes); the existing contract's last delivery is 16 July 2023. The previous delivery schedule had batches of tubes delivered each year during the months of January and July. To remain consistent, the follow on will need to be in place by July 2023 in order to have a deliverable in January 2024 (due to the 180-day lead time for manufacturing and shipping).

### 3. Description of Supplies/Services.

This procurement is for the purchase of 10 ML 6697A Electron Tubes (2 batches of 5) each year, for a total of three years. The table below shows the expected execution and delivery schedule based upon a 180-day lead time for manufacturing and delivery. FAR Clause 52.217-7, Option for Increased Quantity-Separately Priced Line Item, will be utilized.

Year	Delivery Item	Execution Date	Delivery Date
1	Base (5 tubes)	20 July 2023	16 January 2024
1	Option 1 (5 tubes)	18 January 2024	16 July 2024
2	Option 2 (5 tubes)	20 July 2023	16 January 2025
2	Option 3 (5 tubes)	17 January 2025	16 July 2025
3	Option 4 (5 tubes)	20 July 2025	16 January 2026
3	Option 5 (5 tubes)	17 January 2026	16 July 2026

### Estimated Dollar Value

The Independent Government Estimate (IGE) for this requirement for the first deliverables is

██████████ The total IGE if all Options are executed IAW FAR clause 52.217-7 is ██████████.

Year	Delivery Item	Est. Unit Price	Est. Extended Price
1	Base (5 tubes)		
1	Option 1 (5 tubes)		
2	Option 2 (5 tubes)		
2	Option 3 (5 tubes)		
3	Option 4 (5 tubes)		
3	Option 5 (5 tubes)		
<b>TOTAL</b>			

The resultant contract will be funded with FY23 Navy Operations & Maintenance (O&M,N) appropriations. These funds are currently available. Options will be funded utilizing appropriations (type) of the fiscal year in which the option year is exercised.

**4. Statutory Authority Permitting Sole Source.**

The statutory authority permitting this sole source action is 41 U.S.C. 1901, Simplified acquisition procedures - a sole source acquisition using simplified acquisition procedures for the acquisition of commercial items, as implemented by FAR 13.501(a).

**5. Rationale Justifying Use of Cited Statutory Authority.**

The ML 6697A Electron tube is a general-purpose triode. The tube features rugged coaxial mounting structures which provide high dissipation, low inductance RF electrode terminals. This tube will operate with plate voltages up to 16 Kilo Volts in Continuous Wave operation. The operation of this tube is unique to this facility. The part number on the estimate is an original replacement part. If original replacement parts are not used, the government will have to request permission from SPAWAR for a "Configuration Change" to the existing system. This will require addition time for engineers to review the modification and may have to redesign the system.

**6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable, including a Description of Market Research, if applicable, and a List of Interested Sources, if any.**

In anticipation for the follow-on requirement, a sources sought notice was posted to the Government Point of Entry (GPE) via SAM.gov on 22 February 2023 and closed on 09 March 2023. As a result, no new vendors submitted a response, indicating that no other vendors currently possess the ability to manufacture these tubes with the required lead time. The synopsis required by FAR 5.201 will be published to the GPE as intent to solicit and procure on a sole source basis to CPI.

No additional market research was conducted because it is not practicable, for the reasons discussed in paragraph 5 above, for any company other than CPI. to provide the required supplies.

**7. Determination of Fair and Reasonable Cost.**

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

**8. Actions to Remove Barriers to Future Competition.**

For the reasons set forth in Paragraph 5, the contracting activity has no plans at this time to compete future contacts for the types of supplies/services covered by this document. If another potential source emerges, the contracting activity will assess whether competition for future requirements is feasible.

In accordance with DFARS 206.303-2(b)(i) and PGI 206.304(a)(S-70)), a sources sought notice was issued on 22 February 2023. To date, no other sources expressed an interest in the requirement.

**9. Contracting Point of Contact.**

The point of contact at NAVSUP Fleet Logistic Center Norfolk is William Powell, who can be reached at 252-621-2198 or by email at [william.s.powell14.civ@us.navy.mil](mailto:william.s.powell14.civ@us.navy.mil)

**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.

Signature

Name (Printed)

Date

Phone No.

**LEGAL SUFFICIENCY REVIEW**

I have determined this Justification is legally sufficient.

Signature

Name (Printed)

Date

Phone No.

**CONTRACTING OFFICER CERTIFICATION**

I certify that this Justification is accurate and complete to the best of my knowledge and belief. To the extent that the Justification value is  $> \$250K$  and  $\leq \$750K$ , the Contracting Officer's signature below also represents approval of the document.

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Samantha Miller

05/25/2023

757-443-1959

Signature

Name (Printed)

Date

Phone No.