

## Single Source Justification (Simplified Acquisition)

### Section A: General Contract Information

Is this a Bridge Action as defined in the [AF Bridge Action Reduction Plan](#)? ☐ Yes ☒ No

Contracting Activity: 766 Enterprise Sourcing Squadron

Project/Program Name: 15 MXG Haas TM2-P CNC Machine

Purchase Request / Local ID Number: F2C2XA3272AW01

Estimated Contract Cost (including Options): \$92,529.00

### Section B: Description of the Supplies/Services Required

1 ea Haas TM2-P Vertical Mill CNC Machine. This requirement aims to replace an older, inoperable CNC machine within the 15 MXG metals tech section.

### Section C: Justification for Soliciting from a Single Source or Brand Name

The manufacturer of this piece of equipment, Haas, provides the CNC capabilities for a majority of the metals technician sections throughout the Air Force. This mitigates downtime due to turnover training and excessive cost for software and accessory reacquisitions.

15 MXS currently has a Haas TM2 CNC mill machine, which includes Haas specific software, power capabilities, and various attachment accessories that are only compatible with the Haas systems.

The 647 LRS has an NSN for this piece of equipment, 3417-01-698-8846. However, per their non-availability memorandum signed & dated 17 Aug 2023, that NSN does not have any items currently stocked under that NSN.

Attempting to source a CNC machine from a different manufacturer would create a degradation to mission execution for the career field. Maintaining the same machinery throughout the AF enhances the ability for any member to easily transition to a new location without the risk of learning a new system's procedures and operating software. Additionally, the current system has many expensive specifically designed attachments needed to operate the system (e.g. spindle attachments, electronic tool probes, sensors, 5-axle table attachments, etc.) and using a new system would not only greatly increase the cost, but also break the continuity within the career field. Finally, The Computer Aided Design drafting software we use to create G-code to CNC machine parts has been set to HAAS machines parameters and specifications. All our shop's CNC equipment are HAAS machines that use the software specifications. Using another brand will require us to purchase new software to with the different specifications that brand may use to create G-code. Finally, acquiring a CNC from another manufacturer will result in a reconfiguration of existing equipment and possible renovation of the facility to accommodate a new footprint and power specifications.

### Section D: Efforts to Obtain Competition

Market research has concluded that Phillips Corp (UEI: YFJ5M3N6EKY8 / Cage: 3MPQ0) is the sole and exclusive distributor for Haas as annotated in their formal memorandum dated 10 Sep 23 and attached in an email received on 29 Sep 23. They are SAM registered with a current GSA contract (GS-03F- 080CA). They are a Large business, but due to the aforementioned compatibility and integration factors, utilizing Phillips Corp is the most advantageous method for the government at this time.

### Section E: Steps to Preclude Future Single Source or Brand Name Awards

Contracting will continue to research sourcing opportunities for similar systems and technologies that meet the need for the metals technology career field. A CNC machine is a commercially available item and the technology therein may adapt enough to benefit looking to other manufacturers in the future. Contracting has communicate this fact to the end user.

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Contracting has also mentioned to the customer and LRS that if an NSN has been loaded, keeping a small stock, if possible, would greatly mitigate execution timelines if this is still a needed requirement in the future. Additionally, the option for a class J&A was recommended for the long-term sourcing for the career field considering the standardized need across the AFSC.

**Section F: Contracting Officer's Determination**

I have determined, in accordance with [FAR 13.106-1\(b\)\(1\)](#), that the circumstances of this contract action deem only a single source is reasonably available.

Date	Typed Name and Rank/Grade of Contracting Officer	Signature of Contracting Officer
29-Sep-2023	Kyle A. Jones, MSgt/E7	