



New Mexico State University
Procurement Services
Sole Source Justification

ROUTING

PMM
purchasing@nmsu.edu
Phone 646-2916

In accordance with Procurement Code 13-1-126 and NMSU's Business Procedures Manual, submit this form for purchases exceeding \$20,000. Attach the completed/signed form, with a vendor quote, to the AggieMart requisition or forwarded requisition to Procurement Services by email to purchasing@nmsu.edu (Req# in Subject of email) and simultaneously submitting a Banner requisition. (Note: Purchases \$60,000 or greater will be posted on NMSU's public site for 30 days).

SECTION 1: REQUESTOR INFORMATION

Requestor Name: Gabe V. Garcia Requisition: _____
Department: Aggie Innovation Space E-mail Address: gabegarc@nmsu.edu Phone: 646-7749

SECTION 2: REQUEST DETAILS

Please check applicable blocks:

☒ Sole Vendor ☐ Sole Brand ☐ Product ☐ Service

Proposed Vendor: Moncktons Machine Tools LLC Dollar Amount: \$63,397

Address: 4925 S Sante Fe Drive Littleton, Colorado 80120 Term: _____

Listing of Services or Items to be Purchased: HAAS SUPER-SPEED MINI MILL 2 CNC VERTICAL MACHINING CENTER

What exception(s) describes the reasoning for this purchase, thus eliminating competition?

Please check applicable blocks.

- ☒ Compatibility of existing equipment or supplies; give details and include manufacturer and model number of existing equipment below. (Explain below.)
- ☐ Item specifically required for use in conjunction with grant or contract. (Attach applicable page grant or contract page and provide justification of why it is required for grant/contract and why other substitutes are not accepted.)
- ☐ Requirement is of a proprietary/copyright/licensing nature. (Explain below.)
- ☐ The requested product has unique design/performance specifications or quality requirements which are essential to my work needs or research/teaching needs and are not available in comparable products. (Explain unique feature/characteristic below.)
- ☐ NMSU has specialized training and/or extensive experience; retraining would incur substantial cost in money/time. (Explain below.)
- ☐ The requested product is essential in maintaining/continuing experiments. (Explain below; provide purchase order numbers.)
- ☐ Renewal of support / maintenance / subscription of software, technology, or other intellectual property. (Explain below.)
- ☐ Other (Explain below.)

Explanation:

All of our CNC machining centers and turning centers are HAAS machines and have identical control panels (see attached PO). The new HAAS Mini Mill is a high speed machine with a larger tool capacity that will allow us to manufacture parts more rapidly. All machines will have the same control panel and shop staff can easily move from one machine to the next. This will insure that save a tremendous amount of time as we will not have to reprogram everything because the machines are not compatible.

SECTION 3: REQUESTOR APPROVAL

Director/Department Head/PI (No designee authorized):

Printed Name: Gabe V. Garcia Signature: Gabe V. Garcia Date: 04/06/2022

SECTION 4: OFFICIAL APPROVAL

Procurement Services: This procurement meets the requirements of 13-1-126 NMSA 1978 for a sole source procurement.

Printed Name: Javier Cordero Date: _____

Signature: Javier Cordero (Apr 19, 2022 16:21 MDT)

HAAS SUPER-SPEED MINI MILL 2 CNC VERTICAL MACHINING CENTER 20" x 16" x 14" (508 x 406 x 356 mm) travels

(08.15)

STANDARD MACHINE FEATURES, Super Mini Mill 2

- 10,000-rpm Spindle, 40 taper, belt drive, 15 hp (11.2 kW) vector drive
- Standard Program Memory, 1 GB of onboard memory for program storage and backup.
- Convenience Package, includes front work table and storage shelf, toolholder vise, side rack, and toolholder tray.
- Coolant Pump Kit, ¼ hp (186 W), 40-gallon (151 liter) tank; includes coolant level sensor
- Early Power-Failure Detection; senses a power failure or severe drop in incoming line voltage and quickly brings all axis motion to a safe and controlled stop.
- Ethernet Interface; allows you to easily transfer files to and from the machine over a local wired network.
- Haas Connect: Remote monitoring of your Haas machine. Requires the machine to be connected to the Internet.
- HaasDrop Wireless File Transfer is a fast and convenient method for sending images, videos, and even program files from a mobile device directly to the Next-Generation Control on a Haas CNC Machine. Available for Android and iOS devices.
- Lifting Provision; built-in attachment points for lifting the machine
- Media Display M-Code; M-130 is used within an NC program to call up media files (images, videos, PDF files) from memory and display them on the control screen as the program runs. *NextGen Control Only.*
- Rigid Tapping; synchronized tapping, with built-in tap cycles and up to 8X retract speed.
- Safe Run; a software feature in the Haas control that reduces the chances of significant machine damage during a machine crash.
- 1-Year Standard Warranty. Haas products carry a full 1-year warranty on the entire machine, including the control – that's 365 days x 24 hrs.
- 20-Station Automatic Tool Changer; this carousel-style tool changer is an economical choice for cost-conscious shops.
- Touch Screen Interface for the Haas control; allows screen navigation, data entry, and other control functions on-screen, without using the keypad
- WiFi Connection for the Haas Control; provides wireless connectivity between the Haas control and a local area network.
- Haas Window Blast; airgun-activated feature for clearing coolant from the machine's window during machining.
- Work Light; provides bright illumination of the work area.