

INVITATION TO BID
Revised BID: 1/10/2018

The Bradley County Board of Education will receive sealed bids for the purchase of 2 CNC Mini Mills and 2 Virtual Welders as noted in the bid document. Bids will be received at the Bradley County Schools Administrative Office, 800 South Lee Highway, Cleveland, TN 37311, until 3:30 pm on January 17, 2018, at which time all bids will be opened and read aloud.

The Bradley County Board of Education reserves the right to reject any or all bids, to waive any formalities and informalities, and to accept the bid which, in its' opinion, is in the best interest of the Bradley County Board of Education.

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GENERAL REQUIREMENTS/CONDITIONS

1. Bids must be submitted on the attached Pricing Page (Page 7). The Pricing Page must be completed and signed by an authorized representative.
2. Bids must be enclosed in a sealed envelope and clearly marked—“BID—CNC MINI MILL” or “BID-VIRTUAL WELDER”. Bids will not be accepted by facsimile or by email.
3. Bids will be opened at the time/date noted on the Invitation to Bid. Bids submitted after this time/date will not be considered.
4. It is the bidders’ responsibility to inform themselves of the specifications and comply with them. Failure to comply with the attached specifications shall be grounds for your bid being rejected.
5. Bid prices submitted shall include all freight and rigging/setup. The successful bidder must provide full arrangements for delivery, installation, clean-up and removal of debris from the project site. All shipping and delivery cost shall be included in the bid price. All items shall be delivered, uncrated, assembled, and installed by the vendor, unless otherwise noted.
6. Bid prices shall be valid for at least 30 days after the bid opening date.
7. The bidder shall be responsible for any loss or damage of or to any equipment until the Board takes ownership of such equipment.
8. The Bradley County Board of Education is a tax-exempt governmental entity and, as such, is exempt from Tennessee sales tax. A blanket certificate of exemption shall be furnished upon request.
9. All bids are subject to budgeted funding.

10. Questions about the specifications should be referred to Shawn Williams, Precision Machining Instructor, at sbwilliams@bradleyschools.org or Arlette Robinson, Career and Technical Director, at arobinson@bradleyschools.org. General questions may be directed to Arlette Robinson at 423-479-0458.

CNC Mini Mill Specifications

1. Travels: X Axis- 406mm/16", Y Axis 305mm/12", Z Axis 254mm/10"
2. Standard Program Memory, 1 GB
3. 4000 RPM Spindle
4. Spindle: 40 Taper
5. Ethernet Interface
6. 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.
7. Work Light
8. Coolant pump kit, ¼ hp, 40 gallon:
9. USB Port
10. Educational Control Software Package (to include the following: Wi-Fi connectivity, Spindle Orientation, Rigid Tapping, User Definable Macros, Coordinate Rotation and Scaling, and Haas Visual Programming System (or a comparable equivalent))
11. 10- Station Automatic Tool Changer (Includes a Control Simulator Module at no charge)
12. Chip Auger
13. Front work table and storage shelf, tool holder vise, side rack, and tool holder tray

Include at least a 1 year warranty

Total bid package price is to include all shipping and handling and lift gate truck delivery to (1) Bradley Central High School, 1000 South Lee Highway, Cleveland, TN 37311 and (1) Walker Valley High School, 750 Lauderdale Memorial Hwy, Cleveland, TN 37312

Item 2

Virtual Welder Specifications

NOTE: The attached specifications are for a Lincoln Mobile Virtual Welder. Bids submitted must be for an equivalent virtual welder. If an equivalent is offered, the bidder must include the brand name, model, and complete specifications.

1. **Computer:** Windows 7 Professional, Intel Core i5 Quad Processor, 4 GB 1333 MHZ DDR3 Memory, 60 GB Solid State Hard Drive
2. **Software:** VRTEX welding simulation software, Theory Function, Virtual Location: Weld Booth, Pipe Processing Plant, Desert Base, and Ironworks Construction Site
3. **Monitor and Speakers:** 17 in LCD Touchscreen Monitor with built-in-speakers
4. **VRTEX Mobile Stand:** Welding stand with independent table and arm height adjustment- supports multi-position welding, 90, 45 and 0 degree arm position allow for 2G, 5G and 6G pipe welding
5. **VRTEX Welding Handle & MIG/MAG Attachment:** Simulates GMAW, SMAW, FCAW-S and FCAW-G
6. **Helmet:** Monoscopic output with a large field of view (Virtual reality immersive helmet with integrated display)
7. **Project Based Lessons for student and instructor**
8. **Curriculum and DVD Videos**
9. **Able to perform the following:** Record, archive and verify student work

Total bid price is to include all shipping and handling and lift gate truck delivery (if needed) for (2) welders delivered to Bradley Central High School, 1000 South Lee Highway, Cleveland, TN 37311.

BID PRICING/CERTIFICATION

The undersigned hereby proposes to furnish all equipment as specified in accordance with all specifications, requirements, conditions, and terms of the bid for the prices as stated below.

Company Name/Address _____

Telephone _____ Fax _____ Email _____

Name of Authorized Representative _____ Title _____

Signature _____ Date _____

EQUIPMENT	BID PRICE	WARRANTY INFORMATION	APPROX DELIVERY TIME
CNC Mini Mill (Qty 2)			
Virtual Welder (Qty2)			

Additional Information/Alternate Bid/Combined Pricing/Etc. _____
