

Purchase Request #5
Regular Board Meeting March 6, 2023
Consideration of Approval to Purchase CNC Machining Equipment

ADMINISTRATION RECOMMENDATION/REPORT

The administration recommends that the Board of Trustees approve the purchase of a computerized numerical control (CNC) lathe and a vertical machining center for the continuing and professional development (CPD) department.

BACKGROUND

An invitation for bid IFB 23-18 was issued in February 2023 to procure the above referenced equipment for the manufacturing technician program. The purchase complies with the competitive procurement requirements in Texas Education Code §44.031(a)(4). Two responses were received, and the offer from Champions Machine Tools will provide the best price and value to the College.

CNC machining is a manufacturing process in which pre-programmed software assigns movement of tools and machinery, which can create parts for various purposes and uses. These CNC machines are required as part of the manufacturing technician program created with industry partners of the aerospace industry.

IMPACT OF THIS ACTION

Students participating in the manufacturing technician program are trained to work in the aerospace industry as a machinist. They will learn to machine critical parts on equipment commonly found in aerospace manufacturing firms. There is a huge shortage of machinists in the aerospace industry today. Employers in the aerospace field are seeking trained interns and fulltime employees who have the skills and experience working on these machines.

BUDGET INFORMATION (INCLUDING ANY STAFFING IMPLICATIONS)

The expenditure for this purchase shall not exceed \$190,000 and will be funded from the Community Project Funding Grant sponsored by Congressman Troy Nehls and the 2022-2023 CPD operating budget.

MONITORING AND REPORTING TIMELINE

None

ATTACHMENTS

Attachment 1 – Bid Tabulation

RESOURCE PERSONNEL

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ATTACHMENT NO. 1

**IFB 23-18
CNC Lathe & Vertical Machining Center
Bid Tabulation**

	Vendor Name	Base Price	Additional Components	Total
1	Champion Machine Tool Sales, Inc.	\$172,500	\$17,500	\$190,000
2	Ellison Technologies, Inc.	\$184,000	\$0	\$184,000