

**BATAAN PENINSULA STATE UNIVERSITY***Balanga City, Bataan***OFFICIAL BIDDING FORM**

Item No.	QTY	Unit	SPECIFICATIONS	OFFER; (Brand)	Unit Cost	Total Cost
			<b>CNC MILLING AND LATHE MACHINE LEARNING SYSTEM SPECIFICATION</b>			
1	2	set	<p><b>CNC Milling Machine Learning SYSTEM</b></p> <p>- must include two (2) sets of CNC Milling Machine Learning with the following specifications:</p> <ol style="list-style-type: none"><li>1 Basic and advanced measurement</li><li>2 Print reading</li><li>3 Drawing types</li><li>4 Multi-view drawings</li><li>5 Dimensioning</li><li>6 Fundamentals of Geometric Dimensioning and Tolerancing</li><li>7 Assembly tolerances</li><li>8 Precision measurement tools</li><li>9 Machine tool safety</li><li>10 Manual milling</li><li>11 Identify the components of a CNC machine operator panel</li><li>12 G-Codes</li><li>13 M-codes</li><li>14 Jog a CNC Machine</li><li>15 Manual pulse generator</li><li>16 Set the CNC work offsets</li><li>17 Set the CNC tool offsets</li><li>18 Locate and load a CNC program</li><li>19 Troubleshooting</li><li>20 Basic statistical concepts</li></ol> <p><b>Specification</b></p> <p><b>Table</b></p> <p>Table size: 550 x 160 mm</p> <p>T slot (amount x width x distance): 3 x 12 x 43 mm</p> <p>Max. load: 30 kg</p> <p><b>Travel</b></p> <p>X travel: 280 mm</p> <p>Y travel: 120 mm</p> <p>Z travel: 270 mm</p> <p>Spindle nose to table: 80-350 mm</p> <p>Spindle center to column: 200 mm</p> <p><b>Spindle</b></p> <p>Spindle taper: MT3/NT3/R8</p> <p>Spindle motor : 1000W</p> <p>Spindle speed: 100-5000r/min</p> <p><b>Accuracy</b></p> <p>Positioning accuracy: +0.015 mm</p> <p>Repeatability accuracy: +0.010mm</p>			

			<p><b>Electric</b> Power: 230V 60 Hz</p> <p><b>Accessories</b></p> <ol style="list-style-type: none"> <li>1. Clamping Kit</li> <li>2. Engraving Tool Set</li> <li>3. Rotary Worktable (4th Axis)</li> <li>4. 3 jaw chuck</li> <li>5. Laptop i7 Processor 4gb RAM 500gb Storage with</li> <li>6. Vise</li> <li>7. Flute HSS Endmill</li> <li>8. Mill chuck set</li> <li>9. Consumables</li> </ol>			
2	3	set	<p><b>CNC Lathe Machine Learning System</b></p> <p>-Must include three (3) sets of CNC Lathe machine Learning with the following specifications: Include the following learning topics in each CNC Lathe Machine Learning System:</p> <ol style="list-style-type: none"> <li>1 Basic and advanced measurement</li> <li>2 Print reading</li> <li>3 Drawing types</li> <li>4 Multi-view drawings</li> <li>5 Dimensioning</li> <li>6 Fundamentals of Geometric Dimensioning and Tolerancing</li> <li>7 Assembly tolerances</li> <li>8 Precision measurement tools</li> <li>9 Machine tool safety</li> <li>10 Manual milling</li> <li>11 Identify the components of a CNC machine operator panel</li> <li>12 G-Codes</li> <li>13 M-codes</li> <li>14 Jog a CNC Machine</li> <li>15 Manual pulse generator</li> <li>16 Set the CNC work offsets</li> <li>17 Set the CNC tool offsets</li> <li>18 Locate and load a CNC program</li> <li>19 Troubleshooting</li> <li>20 Basic statistical concepts</li> </ol> <p><b>Specification</b></p> <p><b>Working Area</b></p> <p>Turning diameter over bed (max): 200 mm</p> <p>Travel across slide: 100 mm</p> <p>Center width: 380mm</p> <p><b>Spindle</b></p> <p>Chuck diameter: 100 mm</p> <p>Spindle speed: 100-3000r/min</p> <p>Spindle through-hole; 20mm</p> <p>Spindle mount: MT3</p> <p>Spindle motor power: 500W</p> <p><b>Feed</b></p> <p>X travel: 75 mm</p> <p>Z travel: 280mm</p>			

The max moving speed: 2000mm/min  
The max feeding speed: 500mm/min  
Motor: 1.35Nm/3.1Nm

**Tool Rest**

Tool Position: 4  
Tool Dimension: 8 x 8mm

**Tailstock**

Tailstock taper: MT2  
Tailstock sleeve diameter: 22mm  
Travel of tailstock: 50mm

**Accuracy**

Positioning accuracy: +0.015mm  
Repeatability accuracy: +0.01mm

**Electric**

Power: 230V 60Hz

**Accessories**

1. Rolling center MT2
2. Cooling water box
3. Cutting set
4. Tip replacement
5. Laptop i7 4gb RAM 500gb Storage with Computer Stand
6. Tailstock chuck
7. Cutter set
8. Consumables

**AFTER SALES SERVICE**

1. Free trainers' training at supplier's training center before the delivery of the equipment or at Bataan Peninsula State University upon delivery and installation
2. Free semi-annual training with certification, on request.
3. Free product inspection, on request
4. Free consultation/seminar, on request
5. Free product demonstration on selected item, on request

\*\*\*\*\*nothing follows\*\*\*\*\*

**NOTE:**

1. All Entries must be typewritten
2. Delivery period within \_\_\_\_\_ calendar days
3. Warranty shall be for a period of six (6) months for supplies and materials, one (1) year for equipment from date of acceptance by the procuring entity.
4. Price validity shall be for a period of \_\_\_\_\_ calendar days
5. G-EPS Registration Certificate shall be attached upon submission of the quotation.
6. Bidders shall submit original brochures showing certifications of the product being offered.

After having carefully read and accepted your General conditions, I / We quote on the item / s at prices noted above.

\_\_\_\_\_  
Printed Name / Signature

\_\_\_\_\_  
Tel. No. / Cellphone no.

\_\_\_\_\_  
E-mail Address