

**Annexure-V**  
**Compliance report**

**Note:** The bidder is required to mention detailed specifications clearly in column named as Specifications from Bidder against each item as mentioned in below format. Please note that merely mentioning Yes/No in deviation column will lead to disqualification of the bidder.

**(I) Name of Instrument : CNC VERTICAL MACHINING CENTRE**

Sr. No.	Specification of e-Tender	Specification of Bidder/Vendor	Deviation (Yes/No)	Remarks
<b>A</b>	<p><b>TABLE</b></p> <ol style="list-style-type: none"> <li>1. Table Size -650-750mm X 300-400mm</li> <li>2. T slots of table -3/14 mm/125 mm</li> <li>3. Column surface to center of table (Min-Max) - 190-400mm</li> <li>4. Max. load capacity -300 -500 kg</li> <li>5. Height of table top from floor -800-1100mm</li> </ol>			
<b>B</b>	<p><b>TRAVERSES</b></p> <ol style="list-style-type: none"> <li>1. X-Axis traverse - 400-550mm</li> <li>2. Y-Axis traverse - 300-450mm</li> <li>3. Z-Axis traverse - 400-550mm</li> </ol>			
<b>C</b>	<p><b>FEEDS (INFINITELY VARIABLE)</b></p> <ol style="list-style-type: none"> <li>1. Rapid feed rate X, Y &amp; Z axes -20-25 m/minute</li> <li>2. Range of Cutting feed rate (Infinite) -0-10 mm/minute</li> </ol>			
<b>D</b>	<p><b>SPINDLE</b></p> <ol style="list-style-type: none"> <li>1. Spindle taper -BT30 / BT40</li> <li>2. Spindle speed range (Infinite) -0-6000 RPM</li> <li>3. Spindle center to column front surface - 350-450mm</li> <li>4. Spindle nose to top of table (Min-Max) -100-500mm</li> <li>5. Torque at spindle -70-120 Nm</li> </ol>			

<p><b>E</b></p>	<p><b>ACCURACY</b></p> <ol style="list-style-type: none"> <li>1. Positioning-0.01</li> <li>2. Repeatability-0.005</li> </ol>		
<p><b>F</b></p>	<p><b>ELECTRICAL</b></p> <ol style="list-style-type: none"> <li>1. Power Supply -415 V 10, 3 Phase, 50Hz</li> <li>2. Spindle motor -11-15kw</li> <li>3. Feed motors of X &amp; Y axis -1-2kw</li> <li>4. Feed motor Z axes -1-2kw</li> <li>5. Coolant pump -0.1-0.3kw</li> <li>6. Lubrication pump -0.1-0.25kw</li> <li>7. Power requirement -Specify your machine</li> </ol>		
<p><b>G</b></p>	<p><b>AUTOMATIC TOOL CHANGER (ARM TYPE)</b></p> <ol style="list-style-type: none"> <li>1. No. of tool -6-8</li> <li>2. Max. tool diameter -60-80mm</li> <li>3. Max. tool length -150-200mm</li> <li>4. Type -Electromechanical, Bidirectional</li> </ol>		
<p><b>H</b></p>	<p><b>GENERAL</b></p> <ol style="list-style-type: none"> <li>1. Air pressure -6 bar</li> <li>2. Overall size -Specify your machine</li> <li>3. Machine weight -Specify your machine</li> <li>4. Colour of machine -Powder coated Grey &amp; White</li> </ol>		
<p><b>I</b></p>	<p><b>CONTROLLER</b> -Mitsubishi/ Fanuc/ Siemens</p> <ol style="list-style-type: none"> <li>1. Technical details of controller -Specify your machine</li> <li>2. Main features of controller -Specify your machine</li> </ol>		

<p><b>J</b></p>	<p><b>STANDARD ACCESSORIES</b></p> <ol style="list-style-type: none"> <li>1. Automatic Lubrication system</li> <li>2. Cyclic Coolant system (Programmable)</li> <li>3. Feedback system (Rotary &amp; Linier X,Y &amp; Z)</li> <li>4. Working hour recording</li> <li>5. Electronics hand wheel for the X, Y and Z axis</li> <li>6. Process completion lamp (3 tier)</li> <li>7. Guideway protection through telescopic covers</li> <li>8. Machine Guard</li> <li>9. Sliding door with splash guard</li> <li>10. Sliding door interlock</li> <li>11. Machine lamp</li> <li>12. T Nuts for table (6 Nos)</li> <li>13. Spindle load meter</li> <li>14. Universal Machine Vice 8” (1 No)</li> <li>15. set of Operation &amp; Maintenance tools (1 Set)</li> <li>16. Air compressor with drying unit</li> <li>17. 3 Sets of operation and maintenance manual</li> </ol>			
<p><b>K</b></p>	<p><b>OPTIONAL ACCESSORIES</b></p> <ol style="list-style-type: none"> <li>1. Voltage stabilizer -1 No</li> <li>2. Tooling <ol style="list-style-type: none"> <li>(a) Collect chuck holder Range 1-25mm -1 No</li> <li>(b) Collet chuck holder Range 1-16mm -1 No</li> <li>(c) Keyless drill chuck up to 16mm -1 No</li> <li>(d) Shell end mill adaptor with carbide cutter -1 No</li> <li>(e) Endmill cutter 6mm x 25 mm flute length -1 No</li> <li>(f) Endmill cutter 10mm x 25 mm flute length -1 No</li> <li>(g) Endmill cutter 16mm -1 No</li> </ol> </li> </ol>			

<b>L</b>	<b>OTHER IMPORTANT REQUIRMENT</b>  1. Machine is to be Vibration proof during working condition.  2. There should be provision to measure power at spindle during working and idle conditions.  3. Machine parts and components should not be affected by application of cryogenic fluid as a coolant during machining processes.			
<b>M</b>	<b>SPECIAL FEATURES OF MACHINE (IF ANY)</b>  1. Specify for your machine  2.  3.  4.  5.			