

Two programmable table-top computer numerical control (CNC) machines with required attachments and accessories as mentioned below:

(1) Specification for Machine 1

Programmable XYZ motion system with 6-axis controller provision (3 translation and 3 rotation)

Should be programmable using G-code

Workspace requirement: X and Y direction: 600mm, Z direction (up-down): 100mm

Attachments required:

- Touch probe with ruby tip for 3D measurements (CMM functionality)
- VGA camera with software for 2D measurements
- Robotic attachment that allows us to apply specified pressure for a certain time on an object
- Custom provision to clamp camera or small tools to the spindle

(2) Specification for Machine 2

Programmable CNC milling router machine capable of machining 2D and 3D profiles in materials like Foam, Wood, Plastics, Composites and non-ferrous metals

Should be programmable using G-code

Workspace requirement: X and Y direction: 600mm, Z direction (up-down): 100mm

Step Servo motor for X, Y1 & Y2 axis

Ball screw For X, Y1 & Y2 Axis

Lead screw & Stepper Motor for Z axis

Accessories required:

- Dust collector
- Collets, Cutting Tools and Accessories (carbide end mills set)
- Custom provision to clamp camera or small tools to the spindle

Optional Accessories: Tables to support individual machines. If you can provide the tables, please include it also in the quotation.

Vendors need to quote for both machines along with accessories and the purchase will be made for both the machines through single PO.

The offer should clearly specify the warranty or guarantee period for the machinery/equipment. Any extended warranty offered for the same has to be mentioned separately.

The quotation should include any charges for shipping, installation, and training.