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Last Date: 22/1/2013

Sealed quotations are invited and should read the undersigned latest by 22-JAN-2013, for

XYZ MOTORIZED STAGE

Capable of
- Being operated both by the computer and by an external controller
- Reading standard drawings and moving accordingly
- Being programmed (by writing codes) to move in a certain path
- Reading and generating triggers

Specifications
- Stage type - XYZ motorized
- Travel - 100 mm X 100 mm X 50 mm (X-Y-Z)
- Positioning accuracy - 1 micron (0.001 mm)
- Repeatability - 1 micron (0.001 mm)
- Pay load - 0.5 Kg
- Operation - External Controller + Computer

Software and Controller
- The controller should be interfaced through a USB (preferred)
- The software should be able to read DXF /DWG/CorelDraw files and move the stage accordingly.
- There should be an port for input/output signals in the controller.
- Microstepping should be enabled.
- The controller should have a TRIGGER feature. The input trigger will allow the stage to move after receiving an external signal. The output trigger should generate a signal after the stage has reached the desired position.
- Open loop and closed loop operation (quote separately)

- It is desirable to be able to program the stage motion by writing commands. A documentation on how to write the codes must be provided.
- The software user interface should be user friendly with the provision to move all the three axes from the same window (without individually connecting to different motors in different windows)

Others
- The movement of the stage should be vibration free.
- Quote should be made in two parts: Technical bid and financial bid separately in sealed envelopes. Financial bids for products whose technical bid is not acceptable will not be opened. Any quote with the financial bid included in the technical bid will be rejected.
- The enquiry number and the bid type (financial/technical) should be mentioned on top of the sealed envelopes.
- Delivery period should be clearly stated.
- Quotes should be made for the following modes of delivery:
  - Ex-works for pickup by our worldwide transport provider
  - FOB in country of origin
  - CIF, New Delhi
  - For delivery to IIT Kanpur
- Maximum educational discount should be applied - this equipment will be used to teach and train students.
- Quotes should have a minimum validity of 60 days.

Address the quotations to

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