

Enquiry for peristaltic pump and XY translation stage with accessories

Enquiry Number: IITK/BSBE/NG/2015-16/2, dated: 18-12-2015

Closing date: 27-12-2015

Sealed quotes (technical bid and price bid separately sealed) are invited as per the specifications and terms and conditions listed below.

Specifications:

1. Peristaltic pump with 2 channels (Quantity: 1)
 - Variable speed (should cover the range of 0.2 to 5 rpm)
 - Variable flow rate (should cover the range of 0.1 and 5 ml/min)
 - No reverse or back flow
 - Instant start and stop facility
 - Fully isolated pumped fluid
 - LCD display
 - Stepper motor

2. X-Y Translation stage optimized for Olympus BX51WI microscope (Quantity: 1)
 - Should mount and move the whole microscope
 - Customized design and hole pattern to match the specifications of Olympus BX51WI microscope
 - Should be mountable on a metric breadboard with M6 holes
 - Should provide at least 25 mm movement in X and Y direction
 - Smooth movement using micrometers
 - Accuracy: 0.004 mm or better
 - Ample number of screws (including spares) should be provided.

Accessories to be provided

1. Honeycomb breadboard (magnetic), 60X75 cm, thickness 60 mm. Should have M6 holes in metric pattern. 3mm thick magnetic SS top - 410 Grade. Better than or equal to 0.1 mm flatness on top over 300 mm x 300 mm area.
2. XYZ Sample holder with M6 mounting holes, 50mm Travel, 10 micron straight line accuracy.
3. Left hand micromanipulator (manual) with 25 mm movement in three axes. Coarse and fine movement. Vernier readings for coarse movements. Should hold upto 12 mm diameter probe.
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5. Damped heavy duty post (30 cm), at least 35 mm diameter stainless steel
6. Damped heavy duty post (15 cm), at least 35 mm diameter stainless steel
7. Switchable magnetic base with M6 holes for mounting. (Quantity 2)
8. Mounted white 3W collimated LED with power supply (Quantity 2). Adjustable brightness using a knob.

Terms and Conditions

- Sufficient number of screws (including spares) should be provided with additional charge.
- Comprehensive warranty for 1 year should be supplied without additional charge
- Maximum discount if any should be offered and mentioned.
- Quoted price should include the cost for warranty and required accessories
- Validity of the quote at least for 90 days.
- The price quote should be for delivery at Kanpur.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Technical literature to support your product (in technical bid).
- A summary table should be attached to highlight the compatibility of the product against the specifications.
- Only principal manufacturers or authorized representatives are requested to send the quote along with proper certificates. The envelope should be marked as "**Quote for peristaltic pump and XY Translation stage with accessories**".
- Quote should be made in two parts: Technical bid and Financial bid separately in sealed envelopes
- The institute reserves the right of accepting and rejecting any quotation without assigning any reason.
- The indenter reserves the right to cancel the tender without being answerable.

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