

Indian Institute of Technology, Kanpur
Department of Physics

Enquiry no.: IITK/PHY/172

Enquiry date: 18-Apr-2017

Closing date: 02-May-2017

Extended Closing Date: 12-May-2017

Sealed Quotations are invited for: Spatial Light Modulators (Qty = 1)

Required Specifications:

Display Type	Reflective (Phase LCOS)
Display Mode	Vertically Aligned Nematic
Drive Scheme	Digital (Pulse Code Modulation)
Reflectivity	$\geq 90\%$
Resolution	1920 x 1080 Pixels
Display Dimensions	< 15.50 mm x 8.75 mm
Wave-Length range	At least 350 nm - 420 nm
Pixel Pitch	8.0 μm
Fill Factor	> 92%
Phase Level	8-bit (256 levels)
Response time	< 35 ms
Maximum illumination	$\geq 1 \text{ W/cm}^2$
Signal Format	DVI-HDTV or HDMI-HDTV Resolution
Maximum Phase Shift	> 2.75π (at 355 nm) & > 2.25π (at 405 nm)
Input Frame Rate	60Hz
Operating Temperature	+10 °C to +70 °C
Additional items that should also be provided	Driver unit, Display mount, Power Supply, HDMI cable, User Manual, control and application software

Terms and conditions:

1. Quotations should be made in two parts: Technical bid and financial bid, separately in sealed envelopes.
2. Financial bid for the product whose technical bid is not acceptable will not be opened. Any quote with the financial bid included in the technical bid will be immediately rejected.
3. The sealed envelopes with the quotes should be superscribed with the inquiry number and whether it is a technical or a financial bid.
4. Technical specifications along with the extent of compliance should be mentioned.
5. Maximum educational discounts should be applied – this equipment will be used in a laboratory that will support research as well as teach and train students.
6. Quotations must have a validity of a minimum of 60 days.
7. Along with the technical comparison, the manufacturer's specification sheets for the product **must be** enclosed
8. All the products **must be** in metric unit unless otherwise mentioned.
9. If needed, the supplier/bidder should be able to give a demonstration of the product at IIT Kanpur.

(For delivery to IIT Kanpur)

10. The delivery period should be specifically mentioned and **must be** adhered to.
11. The shipping cost **must be** for CIP New Delhi and should be mentioned on the quote.
12. The quote **must** mention the final total price including everything (shipping, handling, insurance, taxes or any other charges)
13. IIT Kanpur is exempted from payment of Excise Duty under notification no.10/97.
14. IIT Kanpur is entitled to avail concession rate of sales tax as admissible under Sub-sec 5 of Sec 8 C.S.T Act 1956 applicable to Educational/Research institution in inter-state purchase, if supplied from within India.

Address the quotations to:

Dr. Anand Kumar Jha
Department of Physics
Indian Institute of Technology, Kanpur
Kanpur – 208 016, India
email: akjha@iitk.ac.in,
Ph: +91-512-259 7014
Fax: +91-512-259 0914