



INDIAN INSTITUTE OF TECHNOLOGY KANPUR

CENTRAL STORES & PURCHASE SECTION

IIT Post Office Kanpur - 208 016

Under certificate of posting

Phone : 91-512-2597214, 7384

Fax : +91-512-2597659

Email : purchase@iitk.ac.in.

Enquiry No : E/2015-2016/33

Enquiry Date : 23/02/2016

Closing Date : 03/03/2016

Delivery Date: 15 Days

Dear Sir ,

Sealed Quotations so as to reach latest by 3:00 PM on dated 03/03/2016 are invited for the supply of following items :

| SI No. | Description | Quantity | Unit |
|--------|--|----------|------|
| 1 | EPSON EB-525W OR EQUIVALENT SHORT-THROW SPECIFICATIONS AND TERMS & CONDITIONS AS PER ATTACHED ANNEXURES (A&B) | 2 | NOS |
| 2 | EPSON EB-X36 OR EQUIVALENT SPECIFICATIONS AND TERMS & CONDITIONS AS PER ATTACHED ANNEXURES (A&B) | 8 | NOS |
| 3 | KRAMER VP-27 SWITCHER OR EQUIVALENT SPECIFICATIONS AND TERMS & CONDITIONS AS PER ATTACHED ANNEXURES (A&B) | 1 | NO |
| 4 | AKG LAPAL WIRELESS MICROPHONE WMS-45PT OR EQUIVALENT SPECIFICATIONS AND TERMS & CONDITIONS AS PER ATTACHED ANNEXURES (A&B) | 4 | NOS |

1. Enquiry must be submitted in two bid system i.e. "Technical Bid" and "Financial Bid" in separate sealed envelope. These two envelopes should be packed in a separate big envelope and sealed. 2. Suppliers are requested to submit authorization letter from their manufacturer, failing which their quotation may not be considered.

Sd/-

Dy. Registrar (S&P)
Central Store & Purchase Section



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Terms & conditions for supply of above mentioned articles

1. Enquiry will be sent by courier / registered post / speed post and IIT Kanpur will not be liable for any kind of irregularity/delay.
2. The quotation in duplicate should be enclosed in a properly sealed envelope addressed to the Dy. Registrar(S&P) invariably giving on the envelope reference of enquiry and due date of opening.
3. The quantity mentioned in enquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.
4. Firms will quote separately for each article.
5. The Rate offered should be free delivery to IIT Kanpur or Ex-godown in case of firms situated outside Kanpur. If items are imported then the firms should quote the price on F.O.B. basis.
6. In case of Ex-godown terms the amount of packaging, forwarding freight etc. should clearly be mentioned by percentage or lump sum amount. Current rate of tax and other statutory levies must be mentioned.
7. The rates offered should be exclusive or inclusive taxes. The rates applicable should clearly be specified.
8. The delivery period should be specifically stated. Ex-stock and earlier delivery may be preferred.
9. The firms are requested to give detailed description and specification together with detailed drawings and printed leaflets and literature of the articles quoted. The name of manufacturers and country of manufacture should also be invariably be stated. In the absence of these particulars the quotation is liable for rejection.
10. Samples wherever asked for will not be paid for. These should be delivered in the office of the undersigned securely labeled and packed. In case of firms who submit the sample through railway and road transport the freight should be prepaid and R/R should be in favour of the Dy. Registrar, Stores and Purchase Section. Indian Institute of Technology, Kanpur-208016.
11. Quotation should have validity of at least 90 days from the date of opening.
12. The rates quoted should be in metric units, otherwise your quotation is liable to be ignored.
13. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
14. All the consignments must be securely packed and booked duly insured addressed to the Dy. Registrar (S&P) IIT Kanpur - 208016
15. Institute is exempted for payment of Excise Duty under notification No. 10/97 & partially @ 5.15% Custom Duty exemption certificate under notification 51/96 and road permit will be provided if applicable.
16. The Penalty @ 1% per week or part thereof subject to a maximum of 10% of the delivery price will be deducted from the balance payment if supply is not completed within stipulated period.
17. The Concessional Form 'C/D' have been abolished w.e.f. 01.04.2007.
18. Our standard payment terms & condition is 90% against delivery and 10% after inspection and approval.

Sd/-

Dy. Registrar (S&P)
Central Store & Purchase Section

Annexure-A

01. Epson EB-525W or Equivalent (Specification) short-throw Qty 02

3LCD Technology, 2,800 Lumen-1,700 Lumen (economy) In accordance with ISO 21118:2012, WXGA, 1280 x 800, 16:10, HD ready, Aspect Ratio 16:10, Contrast Ratio 16,000 : 1, Lamp 200 W, 5,000 h durability, 10,000 h durability (economy mode) , Keystone Correction Manual vertical: $\pm 15^\circ$, Manual horizontal $\pm 15^\circ$, Colour Processing 10 Bits, 2D Vertical Refresh Rate 50 Hz - 85 Hz, Colour Reproduction Upto 1.07 billion colours, Projection Ratio 0, Lens Optical, Projection Size 53 inches - 116 inches, Focal Distance 6.4 mm, Focus Manual, Cinch audio in, Microphone input, Stereo mini jack audio in (2x), Stereo mini jack audio out, S-Video in, Component in (2x), Composite in, HDMI in, VGA out, VGA in (2x), Wireless LAN IEEE 802.11b/g/n (optional), Ethernet interface (100 Base-TX / 10 Base-T), RS-232C, USB 2.0 Type B, USB 2.0 Type A, Wifi Ready

02. Epson EB-X36 or Equivalent (Specification) Qty 08

Native Resolution XGA, Projection Lens Optical Zoom (Manual) / Focus (Manual), F-Number 1.6 - 1.74, Focal Length 18.4 - 22.08 mm, Zoom Ratio 1.0 - 1.2, Throw Ratio Throw Ratio, Lamp 200W UHE, Life (Normal/Eco)*1 5,000 hours / 10,000 hours, Zoom: Wide 30" - 300" [0.84 - 8.66 m], Standard Size 60" screen 1.71 - 2.16 m, Colour Light Output 3,600lm, Contrast Ratio 15,000:1, Sound Output 2W Monaural, Keystone Vertical / Horizontal $\pm 30^\circ / \pm 30^\circ$, Auto Keystone Correction Yes (Vertical only), Quick Corner , D-Sub 15 pin RCA x 1 (Yellow), S-Video, HDMI, Audio Input, 2 RCA (White/Red), USB Type A, USB Type B, Wifi Ready,

03. Kramer VP-27 Switcher or Equivalent (Specification) Qty 01

INPUT 4 composite video on RCA connectors, 4 s-Video on 4-pin connectors, 4 PC on 15-pin HD connectors, 4 unbalanced stereo audio on RCA connectors, L+R (for CV), 4 unbalanced stereo audio on RCA connectors, L+R (for Y/C), 4 unbalanced stereo audio on 3.5mm mini jacks (for PC), Mic: 3mV/10kV, condenser/dynamic on a 6.3mm phone connecto **OUTPUT** 1 composite video on an RCA connector, 1 s-Video on a 4-pin connector, 1 PC on a 15-pin HD connector, 1 master audio on an RCA connector, L+R, 1 unbalanced stereo audio on an RCA connector, L+R (for CV), 1 unbalanced stereo audio on an RCA connector, L+R (for Y/C), 1 unbalanced stereo audio on a 3.5mm mini jack (for PC) **MAX. OUTPUT LEVEL:** Video: CV and Y/C: 1.8Vpp; PC: 2Vpp; Audio: CV and Y/C: 1.8Vpp; Mic: 6.2Vpp, PC: 6.2Vpp; Master: 6Vpp. **BANDWIDTH** (-3dB): CV: 683MHz; Y/C: 725MHz; PC: 415MHz; Audio: CV and Y/C: >40kHz; mic: 22.6kHz; PC: >40kHz; master: 22.5kHz. **DIFF. GAIN:** CV and Y/C: 0.03%; XGA: 0.05%. **DIFF. PHASE:** CV and PC: 0.03 Deg.; Y/C: 0.02Deg. **K FACTOR:** <0.05%. **S/N RATIO:** Video (@5MHz): CV: 75.1dB; Y/C: 78.7dB; PC: 4.4dB; Audio (@1MHz): CV and Y/C: 78.5dB; PC: 78dB; mic: 52dB. **CROSSTALK** (all hostile): Video (@5MHz): CV: -50.5dB; Y/C: -33dB; PC: -51.5dB; Audio: -68.9dB @1MHz, -43.3dB @20kHz (Y/C). **CONTROLS:** MUTE, TALKOVER, MIX, LOCK, switching front panel buttons, RS-232, rear panel DIP-switches, volume for line: -62dB to +14.1dB; mic volume: -17dB to +69.5dB

04. AKG Lapal Wireless Microphone WMS-45PT or Equivalent QTY -04

Audio Frequency bandwidth 40 to 20000 Hz, Signal to Noise 105, THD at 1 kHz 0.8 Prozent, Operating temperature range -10 to 55 Celsius, Radio Sensitivity -100 dBm, Switching bandwidth 30 MHz, Recommended simultaneous channels 5, Number of selectable frequencies 8 Fixed frequencies, Fixed frequency, Wireless channels within device Wireless channels within device 30m, Modulation FM, Transmitter Synchronization Manual, Audio Outputs Balanced XLR Male 3-pin, Balanced audio output adjustable from mic to line level. Output level at rated deviation: 500 mV rms, Audio Frequency bandwidth, 40 to 20000 Hz, Signal to Noise 105 dB-A, THD at 1 kHz,

Annexure-B

Terms & Condition:

1. The number of quantity may increase or decrease.
2. The technical quotation should be enclosed with proper certifications like Agency Certification, Authorization Certification as the case may be, in support of your offer, failing which, the quotation may not be considered.
3. All quotation must reach to the under signed by 03-03-2016.
4. Prices should be FOR I.I.T Kanpur.
5. Quotation must be valid for 60 days.
6. Maintenance Engineer must be stationed at Kanpur else the quotation will be rejected. Single point of contact in Kanpur for any service related issues is also mandatory.
7. Payments terms: 90% on installation and 10% on satisfactory report.
8. Bidder must quote all items in single quotation marked as "Technical Bid" and Financial Bid should be in a separate envelope marked as "Financial Bid", otherwise quotation may not be considered.