

INDIAN INSTITUTE OF ENGINEERING SCIENCE & TECHNOLOGY

(Formerly Bengal Engineering and Science University, Howrah)

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TENDER NOTICE INVITING QUOTATIONS

Ref. No.-Advt. No.- WEB/CST/IIEST/17-18/65 Dated...15-02-2018...

You are invited to submit your most competitive quotation for supply the following items for the CST Department are as follows.

- 1 Vendors are to collect the original tender document for all items from the Institute Website.
2. Vendors are to submit the tenders in sealed covers super scribing Tender Notice No. on the top of the envelope along with their names and address with phone no. in the office of the CST Department.
3. Vendors are to submit the tender documents in original after accepting the terms and conditions.
4. Last date of submission of tender is 21-02-2018 within 3.00 PM.(on the last date) & offers will be formally opened on the same date at 3.30 PM.
- 5.The quantity may be changed +/- 5% of the quantity as given in the advertisement.
6. Rates quoted inclusive of all taxes.
- 7.Considering the price of total items order will be placed (as a Trunkey Job)
8. Bills and challans in duplicate should be presented for payment within 15 days of supply & completion of work. All bills are to be accompanied by copy of orders and receipt or challan. order number no. with date , VAT no. and PAN no. are to be mention on both Challan and Bills.
10. Payment will be made by a/c payee cheque or by Account transfer after submission of proper bills and challans. No cash payment will be made under any circumstances. No advance payment can be made.

Signature of the Appropriate authority of the Vendor with Seal

List of the components:

Sl.No.	Name of the items	Quantity
1	Long Throw Projector	3 Nos.
2.	Short Throw Projector	1 No.

Specification

1.

LCD Projector Specification

TECHNOLOGY

Projection System RGB liquid crystal shutter projection system

LCD Panel 0.55inch wide panel (D7)

OPTICAL

Zoom 1~ 1.3 (Optical)

Screen Size 30" to 350" [0.88 to 10.44 m] (Zoom: Wide)
23" to 260" [0.88 to 10.44 m] (Zoom: Tele)

Projection Distance 60" screen 1.77 - 2.4 m

Throw Ratio 1.45 (Zoom: Wide), 1.96 (Zoom: Tele)

Projection Lens F Number 1.44

Projection Lens Focal Length 16.7mm

Focus Method Manual

IMAGE

Colour Light Output 3,200 Lumens

White Light Output 3,200 Lumens

Resolution SVGA

Native Aspect Ratio 4:3

Contrast Ratio 15,000:1

Lamp Hours 5,000 hours (Normal) 10,000 hours (ECO)

Lamp Type 200 W UHE

Keystone Correction Vertical: 30 to +30 degrees Horizontal 30 to +30 degrees

Tilt Angle 0 to 12 degrees

CONNECTIVITY

Input: Video 1 x RCA (Yellow), 1 x S-Video, 1 x Component (via D-sub 15-pin), 1 x HDMI

Input: Computer 1 x D-sub 15-Pin (RGB), 1 x USB 2.0 type B

Input: Digital 1 x HDMI

Input: Audio 1 x RCA (Red/White), 1 x HDMI
 Input: Control 1 x USB 2.0 type A
 Input: Network I/O 1 x USB Type A (for optional Wireless LAN unit)
 Wireless Connectivity Optional

Output Video

Output Audio

Speaker Output 2W

ADVANCED FEATURES

EasyMP Network & Control Yes (with optional Wireless LAN Unit)
 EasyMP Network Projection Yes (with optional Wireless LAN Unit)
 PC Free Presentations Yes
 USB Plug 'n Play Yes
 AV Mute Slide Yes
 Instant Off Yes
 Auto Power On Yes (PC, USB Display)
 Direct Power On/Off Yes
 Security Kensington lock Security cable hole Password protect function
 Colour Modes Dynamic, Presentation, Cinema, sRGB, Blackboard

GENERAL

Dimensions D x W x H (Including Feet) 234 x 297 x 82 mm
 Weight Approx. 2.4 kg
 Lamp Warranty 1 Year or 750 hours
 Projector Warranty 2 Years
 Power Consumption: Lamp on 277W
 Power Consumption: Standby 0.26W
 Noise Level Normal/Eco: 37/28dB

2.

Short Throw LCD Projector Specification

TECHNOLOGY

Projection System 3LCD Technology
 LCD Panel 0.59 inch with MLA (D8)

OPTICAL

Projection Ratio 0.48:1
 Zoom Digital, Factor: 1 - 1.35
 Lens Optical
 Projection Size 53 inches - 116 inches
 Projection Distance Wide 0.5 m (53 inch screen)
 Projection Distance Tele 1.2 m (116 inch screen)
 Projection Lens F Number 1.6
 Focal Distance 6.4 mm
 Focus Manual
 Offset 9.51 : 1

IMAGE

Colour Light Output 2,800 Lumen-1,700 Lumen (economy)
 White Light Output 2,800 Lumen - 1,700 Lumen (economy) In accordance with ISO 21118:2012
 Resolution WXGA, 1280 x 800, 16:10
 High Definition 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
<u>CONNECTIVITY</u>	
USB Display Function Interfaces	3 in 1: Image / Mouse / Sound 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
<u>ADVANCED FEATURES</u>	
Security	Kensington lock, Security bar, Wireless LAN unit lock, Wireless LAN security, Password protection
Features	Built-in speaker, Customizable user logo, Digital zoom, Dynamic lamp control, Horizontal and vertical keystone correction, Long lamp life, Microphone input, Wireless LAN capable
Interactivity	No
Video Colour Modes	Blackboard, Dynamic, Presentation, sRGB, Theatre
<u>GENERAL</u>	
Energy Use	278 Watt, 219 Watt (economy), 0.28 Watt (standby)
Supply Voltage	AC 100 V - 240 V, 50 Hz - 60 Hz
Product dimensions	345 x 315 x 94 mm (Width x Depth x Height)
Product weight	3.7 kg
Noise Level	Normal: 35 dB (A) - Economy: 29 dB (A)
Temperature	Operation $5^\circ\text{C} - 35^\circ\text{C}$, Storage $-10^\circ\text{C} - 60^\circ\text{C}$
Humidity	Operation 20% - 80%, Storage 10% - 90%
Included Software	EasyMP Monitor, EasyMP Multi PC Projection, EasyMP Network Projection
Options	Connection and control box, Document camera, Quick wireless USB key, Short throw wall mount, Soft carry case, Wireless LAN unit
Loudspeaker	16 Watt
What's in the box	Computer cable, Main unit, Power cable, Remote control incl. batteries, Setup guide, Software (CD), User manual (CD)