

Date 27.09.2013

Sealed Quotation is invited for the following items (All items together)

Item Name	Qty	Room	Specifications
Digital Podium	1	C5	Height adjustable body design upto 150 mm, notebook PC interface, complimented by a 22 inch tablet monitor, Utilize dual inputs with either a desktop or note-book pc, Writing, drawing, and video recording software all available with the "Edupen" system, Supported OS : Win/XP/Vista/7 and Linux/Max compatible, Writing input S/W : Edupen, Active area 477mm (W) x 268mm (H), dimension (in mm): 790(W) x 976(H) x 572(D), PPA-6000A all in one control AMP system, wired gooseneck mic
DLP Projector	1	C5	WXGA (1200x800), 4000 ANSI Lumens, 13000:1 contrast ratio, 1.07 billion colors, Lens: F=2.42-2.98, f=20.7-31.13mm, aspect ratio of native 16:10 with 5 aspect ratio selectable, throw ratio of 1.45-2.24 or 63" at 2 meters, diagonal image size of 47" - 300", zoom ratio of 1.5:1, lamp type: 310W, lamp duration of 2500 hours minimum in normal mode, resolution support of VGA (640x480) to UXGA(1600x1200), vertical scan rate 23~120Hz, Horizontal frequency of 27K~102KHz, computer in (D-sub 15 pin), monitor out, HDMI x 1, composite video x1, S-video in x1, Audio in (Mini jack) x2, Audio-out x1, MIC in x1, 20W speaker x1, LAN RJ45 x1, Type A USB x2, Type mini B USB x1, RS232 (DB-9pin) x1, IR receiver X2 (front and top), HDTV compatible upto 1080p, Video compatibility of PAL, NTSC, SECAM, AC-100 to 240V, 50-60Hz
Projector Screen	1	C5	Motorized projector screen with SOMFY France motor, screen size 8'x10' size, White matte finish
Amplifier	1	C5	230 VAC \pm 10%, 50/60 Hz, Inrush current 5A, Frequency response (Line) 60 Hz to 18 kHz (+1/-3 dB @ -10 dB, Frequency response (Mic.) 80 Hz to 18 kHz (+1/-3 dB @ -10 dB, Distortion <1% @ rated output power, 1 kHz, Bass Control Max. \pm 8 dB, Treble Control Max. \pm 8 dB, Input 1 (push-to-talk contact with priority) 5-pin Euro style, balanced, phantom; Input 2 pin Euro style, balanced, phantom; Input 3 and 4 TRS Jack (1/4, 6.3mm) balanced; Sensitivity 1 mV (mic.); 300 mV (line) Impedance >1 kohm (mic.); >5 kohm (line) Dynamic range 93 dB >60 dB (mic.); >65 dB (line) >75 dB CMRR (mic.) >40 dB (50 Hz to 20 kHz); Headroom >25 dB -3 dB @ 315 Hz, high-pass, 6 dB/oct; Phantom power supply 9 V via 1.2 kohm (mic.); Max / rated PLE-1ME060-IN 90 W / 60 W; Max / rated PLE-1ME120-IN 180 W / 120 W; Max / rated PLE-1ME240-IN 360 W / 240 W; Dimensions (H x W x D) 100 x 430 x 270 mm; 2U high; Mounting Stand-alone, 19" rack Color Charcoal; Operating temperature -10 $^{\circ}$ C to +45 $^{\circ}$ C; Storage temperature -40 $^{\circ}$ C to +70 $^{\circ}$ C; Relative humidity <95%; Acoustic noise level of fan <33 dB SPL @ 1 m
Speakers	4	C5	Chassis Size 101.6 mm (4") Color Black, White Input Connections Spring Terminal Speaker Type Full range, Mid-High, Two-Way Transformer Taps (Transformer Version Only) 70 V: 3.75 W, 70 V/100 V:7.5 W, 15 W,30 W,8 Ω Bypass Frequency Response (-10 dB) 65 - 20000 Hz Internal Crossover Yes Sensitivity 1 W/1 m 89 dB Max. SPL/1m (calc) 115 dB Coverage (Nominal -6 dB) H 120 $^{\circ}$ Coverage (Nominal -6 dB) V 80 $^{\circ}$ System Power Handling (Continuous/Program/Peak) 100//400 Watts LF Transducer Two 4-inch LF Power Handling Two 4-inch Watts HF Power Handling 1-inch Watts HF Transducer 1-inch Nominal Impedance (Passive) 8 Ω Minimum Impedance 6 Ω Outdoor Yes Height 234 mm (9.21") Width 127 mm (5") Depth 165 mm (6.5") Weight Net 3.9 kg (8.6 lbs)
Document Camera	1	C5	80X (5X optical zoom+16X digital zoom), RGB Output/RGB Input/DVI Output/Composite Video Output/Audio Output/Audio Input/RS232(with adapter) USB (miniB) port/SD Slot/USB(A) Port, 1/2.5" CMOS color sensor, Shooting area (Minimum): 400mm x 300mm +/-10mm to 15.7in x 11.82in, Embedded LED Lamp, Laser Positioning Guide, Podium mountable
Microphone	1	C5	Antennas Flexible TNC 1/2 Wave, Audio Frequency Response 80 Hz - 18kHz +/-2dB, Balanced Line Level Output (RMS Adjustable)10 - 100 mV, Battery Life14 hours with (2) AA alkaline typical, Case Material metal Connector Type1/4 inch unbalanced, 3-pin XLR balanced, Controls on/off, Set, Up, Down, Sync Distortion (@ 1 kHz, 40 kHz deviation)Less than 1.0, 0.4 typical, %Diversity True Antenna Dynamic Range greater than 95dBElementHM-3 Omni-directional head worn, Number of Channels32 per band, 8 Simultaneous Operating Temperature Range5 $^{\circ}$ - 45 $^{\circ}$ C, Power

		Requirement 12-16 VDC, 500 mA max, Power Supply 12 VDC, 500mA max, Receiver Type Synthesized PLLRF, Frequency Range 16MHzRF, Output 8 mW typical, RF Sensitivity (12 dB SINAD) less than 1.0uV Signal-to-Noise Ratio (A-weighted) greater than 100dB, Squelch Tone code
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Notes:

1. All quotation must reach by 02.10.2013, addressed to: The Head of Department, IME Department, IIT Kanpur, Kanpur 208016, UP
2. Quotation must be valid till 40 days.
3. Delivery period will be 5 weeks.
4. Extension of delivery period is not allowed. Firms that have quoted earlier and have failed to deliver will be automatically disqualified from this tender process.
5. All items should have a minimum warranty of one year. Warranty should be properly mentioned in your quotation.
6. Send technical detail and photograph of the product. Quoted product should have all the specifications matching.
7. Participating firms should submit proof of documentation on authorized vendor for the product and eligible to provide the warranty. These documents will be cross verified.
8. Any firms with poor track record of installation services and lapses on warranty claims within IIT Kanpur will be rejected out rightly.
9. The entire order should be quoted as one order. The quote should also involve the installation of the items in IME classroom C5.
10. Installation of the items include:
 - a. Overhead mounting of the projector
 - b. Motorized projection screen
 - c. Cabling and installation of the speakers and amplifiers should also be included in the quotation
 - d. Installation of document scanner on the podium
 - e. Integrating every video input with projector and audio input with amplifier and speakers
 - f. Sound proofing of the C5 roof, if necessary, depending upon the echo after installation of the sound system.
11. Payment term
 - a) For foreign currency through LC.
 - b) For Rupees payment 90% on delivery & 10% after satisfactory using /working



(Convener, Q2 Special Grant)