



भारतीय प्रौद्योगिकी संस्थान कानपुर
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
औद्योगिक एवम् प्रबन्ध अभियन्त्रण विभाग
DEPARTMENT OF INDUSTRIAL & MANAGEMENT ENGINEERING

Letter No. : IIT/IME/C12RoomAV/12.03.2013

डाक घर – आई.आई.टी. कानपुर-208016 (भारत)
Post Office - I.I.T. Kanpur-208016 (India)

To,
M/S -----

Date 12.03.2013

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

Item Name	Qty	Room	Specifications
Digital Podium	2	C1&C2	Digital podium with interactive panel, podium microphone, cordless mic, wireless keyboard and wireless mouse, desktop document visualizer, High quality metallic material, 19" touch screen panel, Space for computer system, Inbuilt speaker with Amplifier, One flexible gooseneck microphone with phantom power, USB connectivity and Light for reading, Lockable castor/wheel, XLR connector in and out for goose neck microphone, Cable grommet for cable management, Number of Inputs can be used for other audio components such as CD's, DVD's, USB, MP3 Player etc., integrate the amplifier with the podium
DLP Projector	2	C1&C2	WXGA (1200x800), 4200 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	2	C1&C2	Motorized projector screen with SOMFY France motor, screen size 8'x10' size, White matte finish
Amplifier	2	C1&C2	Amplifier Gain 32 dB, Continuous Rated Power (1 kHz, THD 1%) 2Ω 650 Watts, Continuous Rated Power (1 kHz, THD 1%) 4Ω 450 Watts, Continuous Rated Power (1 kHz, THD 1%) 8Ω 270 Watts, Continuous Rated Power (20-20 kHz, THD<0,2%) 4Ω 400 Watts, Continuous Rated Power (20-20 kHz, THD<0,2%) 8Ω 200 Watts, Cooling Front-to-Rear, 3-stage fans DIM 30 0.05%, Electronics Type Amplifier Frequency Response 10 Hz - 40 kHz ±1 dB, Impedance 2/4/8 Ω, Input Impedance (Balanced) 20 kΩ, Input Sensitivity +2.2 dBu, Inter modulation Distortion (SMPTE) 0.1%, Maximum Bridged Output 4Ω 1300 Watts, Maximum Bridged Output 8Ω 900 Watts, Maximum Input Voltage +21 dBu 8.69 Vrms, Network Control (IRIS-Net) No Signal-to-Noise Ratio (A-weighted) 106 dB Slew Rate 25 V/μs Topology, Class-AB Total Harmonic Distortion 0.03 %, Height 2RU 88.1 mm (3.47") Width 483 mm (19.02") Depth 421.5 mm (16.59") Weight Net 12.6 kg (27.78 lbs): Make: EV Q44 or similar
Speakers	4 (two per room)	C1&C2	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 ° Coverage (Nominal -6 dB) V 80 ° 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), Make: EV or equivalent
Document Camera	2	C1&C2	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



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Notes:

1. All quotation must reach by 20.03.2013, 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.
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. The specified product should be quoted.
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
11. Payment term
 - a) For foreign currency through LC.
 - b) For Rupees payment 90%on delivery & 10% after satisfactory using /working

Mune Bani
15-03-13
(Head of Department, IME)

[Signature]
(Convener, Special Task Force)