



**DOEACC SOCIETY – GORAKHPUR CENTRE**

(A Scientific Body of Dept. of Information Technology, Ministry of Comm. & Information Technology, Govt. of India)

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**CDS/GP/7.4.1/F08/R0**

Ref No.: DOEACC/GKP/224/25/09-10

Date:16-02-2010

**INVITATION TO QUOTE RATES**

( Last date for Submission : 03-03-2010 )

To,  
website

Dear Sir,

You are requested to quote rate(s) for the items mentioned below as per the specifications given below.

Sr. No.	Name of the Item(s)	Description / Specification	Qty. Reqd.	Unit
01	Multimedia Network Projector with motorized Projection screen	Annexure enclosed I to V	01	No.
02	Standard Ceiling Mount Kit for above Projector		01	No.
03	6 channel Manual Mixer		01	No.
04	Feedback Suppressor		01	No.
05	Power Amplifier		01	No.
06	Wall Mount Speakers		06	Nos
07	Face Plate		01	No.
08	Tablet Monitor		01	No.
09	Equipment Rack		01	No.
10	Wireless Hand Held Mic		02	Nos
11	Over Head Projector with Trolley		01	No.
12	5 KVA On line UPS System		01	No.
13	Green Chalk Board, 1200x1800mm		02	No.

The Terms & Conditions given overleaf should be read carefully and noted in order to comply with.

Yours faithfully,

For DOEACC SOCIETY-GORAKHPUR CENTRE  
Authorised Signatory  
[PTO]

**TERMS AND CONDITIONS (FOR LIMITED TENDER)**

1. The quotation should be addressed to Director, DOEACC SOCIETY-GORAKHPUR CENTRE.
2. The price quoted should be firm and F.O.R. DOEACC SOCIETY-GORAKHPUR CENTRE. Wherever possible, educational prices should be quoted. Quantity indicated is tentative and is subject to change.
3. The quotation/offer should be submitted on or before last date of submission (Due Date) in a sealed envelope. The envelope should be superscribed as “**Quotation for SMART CLASS ROOM**” and should bear the enquiry number and due date on the top. Quotations received after the due date will not be considered.
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. Customs Duty, Excise Duty, Sales Tax, C & F, Packing & Forwarding, Insurance, Transportation, Octroi, Installation, Training, etc charges should be separately mentioned. Discount, if any, should also be mentioned. Total price of the goods should also be mentioned.
6. Octroi of Respective Municipal Corporation may either be included or may be shown as ‘at actual’.
7. Delivery period and place of delivery should be clearly mentioned. Delivery Location should be F.O.R. DOEACC SOCIETY-GORAKHPUR CENTRE..
8. The goods should be quoted along with a guarantee/warranty period of minimum ‘one year’ from the date of successful installation.
9. Validity of the quotation should be mentioned. Normally quotations should be valid for at least 60 days from the date of opening of the quotation.
10. The bidding firm must have a valid Sales Tax Registration Number which must be indicated on the quotation.
11. Payment Terms:
  - a. No advance payment (Prepayment) will be made at any cost.
  - b. Payment @ 90 % of the invoice value to the successful bidder will be made after physical verification / satisfactory installation and commissioning of the goods at DOEACC SOCIETY-GORAKHPUR CENTRE., Gorakhpur will make remaining 10% payments after completion of satisfactory training / acceptance of the goods.
12. Detailed description & technical specifications of the goods quoted by you should be provided. Technical literature / brochure should accompany the quotation.
13. Manufacturing license or authorized Distributor / Principal or Dealer Certificate copy should be enclosed.
14. OEM items if any, should be supplied in the original sealed packing of the original equipment manufacturer and should be opened at SOCIETY-GORAKHPUR CENTRE.in the presence of Center’s representative only.
15. It will be binding on the part of the successful bidder to supply the goods at the rates quoted, failing to which the EMD will be forfeited the firm will be removed from the suppliers list and no further enquiries would be sent.
16. DOEACC SOCIETY-GORAKHPUR CENTRE. does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained. Incomplete quotations are liable to be rejected.
17. All questions, disputes or differences arising under and out of or in connection with the contract, if concluded, shall be referred to the sole arbitrator appointed by the Director, DOEACC SOCIETY-GORAKHPUR CENTRE.

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**Technical Specifications of Multimedia Network Projector**

<b>Technology</b>	LCD
<b>Brightness</b>	4000 ANSI Lumens with Day Light View technology for auto image enhancement for brighter image in lighted condition
<b>Resolution</b>	1024 x 768 pixels , XGA
<b>Connectivity/Input/Output terminals</b>	2-RGB Input With selectable RGB Out, Video input, Audio Input for computer 1,Audio Input for DVI-D & Computer-2, DVI-D Input,(HDCP Compliant) ,LAN Port ,S-Video input ,Remote Input,Audio input for S-Video & Video
<b>Wireless features</b>	Built in wireless LAN PC Card/Media Card Image Adapter for wireless display with wireless Laptop Multiple wireless connectivity with up to 16 wireless laptops simultaneously, Wireless slide control
<b>Anti-Dust/Maintenance Free Design</b>	Built in Auto Cleaning Filters & completely sealed design for dust particle blocking.Inorganic LCD Panels/ Polarizers for long lasting brightness
<b>Lens Shift Feature</b>	Horizontal /Vertical Lens Shift-Provided for installation flexibility
<b>Lamp Life</b>	5000 Hours
<b>Other features</b>	1) Day Light View Technology for presentation in lighted conditions. 2) Easy Lamp Replacement from Rear. 3) Direct power off facility. 4) Auto input detections. 5) Built In Speaker-5.0 W Monaural Output power 6)Digital Zooming. 7) Remote Control with laser pointer.
<b>Warranty</b>	Min –two years and authorized service provider for product Quotation to be submitted by authorized dealers and authorized service provider certificates to be enclosed
<b>Ceiling Mount Kit for above Projector</b>	Standard Ceiling Mount Kit
<b>Ceiling Installation</b>	Projector has to be ceiling mounted along with all the cabling & installation

**Technical Specification for Motorized Projection Screen**

Size-120”Diagonal	Motorized Projection Screen Size 120” diagonal (Wall Mount) – BARONET , White Matte ,4:3 aspect ratio along with Remote for Motorized Projection Screen
Warranty	One Year,Authorization from the Manufacturer must be attached

**6 channel Manual Mixer**

**Technical Specification Manual Mixer**

<b>Noise (22Hz-22kHz measurement bandwidth)</b>	Mic EIN @ max gain, 150 ohms source impedance -128dBu Mix @max, faders down <-85dBu
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<b>Crosstalk (typ. @ 1kHz)</b>	Channel mute >96dB Fader cut-off (rel +10 mark) >96dB Aux send pot offness >86dB
<b>Frequency response</b>	Mic/Line input to any output +/- 0.5dB 20Hz – 20kHz
<b>THD+Noise</b>	Mic gain 30dB, -30dBu input Mix out, fader max @ 1kHz <0.007 %
<b>Input &amp; output Impedances</b>	Mic input 2.4k $\wedge$ Line input 11k $\wedge$ Stereo input 100k $\wedge$ Outputs 75 $\wedge$
<b>Input &amp; output levels</b>	Mic input max level +17dBu Line input max level +30dBu Stereo input max level +30dBu Mix output max level +20dBu Headphones (@ 200 $\wedge$ ) 300mW
<b>EQ</b>	EQ Bands (Mono input) +/- 15dB Lo 80Hz Mid (swept) 140Hz – 3kHz Hi 12kHz Q 1.5 EQ Bands (stereo input) +/- 15dB Lo 80Hz Hi 12kHz

### Feedback Suppressor

Technical Specification Feedback Suppressor	
<b>Analog Inputs:</b>	Number of Inputs: 2 Connectors: Female XLR and 1/4" TRS Type: Electronically balanced/unbalanced, RF filtered Impedance: Balanced 50k $\wedge$ , Unbalanced 25k $\wedge$ Max input line level: +20dBu CMRR: >40dB, typically >55dB @ 1kHz
<b>Analog Outputs:</b>	Number of Outputs: 2 Connectors: Male XLR and 1/4" TRS Type: Electronically balanced/unbalanced, RF filtered Impedance: Balanced >120 $\wedge$ , unbalanced >60 $\wedge$ Max Output Level: +20dBu
<b>A/D Performance:</b>	Type: dbx Type IV™ conversion system Dynamic Range: >113 dB A-weighted, >110 dB unweighted, 22kHz BW Type IV™ dynamic range: >119 dB, A-weighted, 22kHz BW >117 dB, unweighted, 22kHz BW A/D Conversion: 24 bit
<b>D/A Performance:</b>	Dynamic Range: 112 dB A-weighted, 109dB unweighted

	D/A Conversion: 24 bit
<b>System Performance:</b>	Sample Rate: 48kHz
	Dynamic Range: >109dB A-weighted, >106 dB unweighted, 22kHz BW
	THD+N: 0.003% typical at +4dBu, 1kHz
	Frequency Response: 20Hz – 20kHz, +/- 0.5dB
	Interchannel Crosstalk: >80dB typical
	Crosstalk input to output: >80dB typical
	Operating Voltage: 100VAC 50/60Hz, 120VAC 60Hz and 230VAC 50/60Hz
	Power Consumption: 9 Watts

### Power Amplifier

Technical Specification two channel Amplifier	
Output Power	Stereo, 2 ohms (per ch.) : 250 wttts
	Stereo, 4 & 8 ohms (per ch.) : 600 Watts
	Brige mono, 8 ohms 1200 watts
SNR below rated power (20 Hz to 20 kHz)	105 dB A-weighted.
Frequency Response (at 1 Watt, 20 Hz - 20 kHz)	±0.25 dB.
Damping Factor 10 Hz to 100 Hz	> 3000
Crosstalk (below rated power, 20 Hz to 1 kHz)	> 80 dB
Total Harmonic Distortion (20 Hz to 20 kHz)	< 0.1%
No. of channels	2

Technical Specification Wall Mount Speakers	
Freq. Range (-10 dB) <sup>1</sup>	70 Hz - 23 kHz
Midrange (±1.5 dB, typical) <sup>2</sup>	130 Hz - 14 kHz
100 Hr Power Capacity <sup>3</sup>	200 Watts Continuous Program Power <b>100 Watts Continuous Pink Noise</b>
Nominal Coverage	100° x 100°
Nominal Sensitivity <sup>4</sup>	87 dB SPL, 1W @ 1 m (3.3ft)
Nominal Coverage	100° x 100°
Maximum SPL @ 1m	113 dB continuous peak pink noise 107 dB continuous average pink noise 103 dB continuous average music or speech
Directivity Factor (Q)	4.9, averaged 500 Hz to 4 kHz
Directivity Index (DI)	6.9 dB, averaged 500 Hz to 4 kHz
Nominal Impedance	8 ohms
Minimum Impedance	6.7 ohms at 230 Hz
Crossover Type	Second Order Lowpass, Second Order Highpass, Complex
Optimization for Maximally Flat Response	
Transformer Taps	170V
100V	60W, 30W, 15W taps (Taps #3, #2, & #1)
Thru position	8 nominal

### Technical Specification Face Plate

- Computer Video : 15 Pin female VGA Connector

- PC Audio: 3.5 mm Mini Jack stereo Connector
- Available in Hair Line Finish
- Signals passed through unprocessed
- One Gang Size Junction Box optional and to be Provided if necessary
- One gang size
- Stainless Steel Plate

**Technical Specification Tablet Monitor**

<b>Dimensions</b>	421x388x49.5 mm
<b>Display Area</b>	17 " diagonal
<b>Resolution</b>	SXGA
<b>Response time</b>	16 ms
<b>Pixel pitch</b>	0.264x0.264 mm
<b>Numbers of colors</b>	16 ms
<b>Contrast ratio</b>	16.2M
<b>IO Connectors</b>	VGA DVI d USB
<b>Operatinf System</b>	Win XP,Me,2000
<b>Technology</b>	Electromagnetic tablet
<b>Active Area</b>	337.9x270.3 mm
<b>Resolution</b>	2000 dpi
<b>Accuracy</b>	-+ 0.5 mm
<b>Data Interface</b>	USB
<b>Data Report rate</b>	200
<b>Reading Height</b>	6 mm Max
<b>Wireless Pen Pressure Level</b>	1024 levels

Warranty on Audio Products

All products except components like speakers have one year warranty from the To have One year warranty from the date of supply.

Equipment Rack

9 U Standard Rack to place all AV equipments

**Good Quality Cables & Connectors**

**Installation & Commissioning Charges to be quoted separately**