



शिवाजी कॉलेज
(दिल्ली विश्वविद्यालय)
Shivaji College



(University of Delhi)
NAAC ACCREDITED "A" GRADE COLLEGE

Date: 13.01.2021

QUOTATION FOR MIC AND AUDIO SYSTEM

Sealed quotations are invited by the Principal, Shivaji College from reputed and experienced companies/ firms to provide and install **Mic and Audio System in the Staff Room, Shivaji College**. Specification for the said work are given as under:-

S.No.	Particulars	Approx. Qty	Rate	Amount to be quoted (in Rs.)
1	<p>Speaker:- 2-way full range, 120W RMS / 480W Peak RMS, 12 ohms, Low Frequency driver - 6" Coaxial Ferrite magnet, 1.5" Voice coil, 1.5" Voice coil + 0.75" exit HF, Frequency response (-6dB half space, no EQ) - 65~22000Hz, Manufacturing Consistency tolerance - ± 2dB from 300 to 12000Hz, Average Sensitivity (wideband 200~16000Hz) - 90dB/W/m, Calculated Maximum SPL / 1m - 111dB continuous / 117dB Peak, Recommended low cut filter - 30Hz 24dB/oct in full range mode, 60-140Hz with subwoofer, Nominal Directivity - 85° conical Above 800Hz),</p> <p>Make:- CELTO Acoustique - iFIX6, Martin Audio - CDD 6, Tannoy - VX6</p>	4 pcs		
2	<p>Amplifier:- Professional Dual channel Power amplifier, Max output Power EIA 1kHz 1% THD (EIA = 33ms ON / 66ms OFF) - 2x 400W 8 ohms / 2x 600W 4 ohms / 1x 1200W 8 ohms (Bridge), Overall gain - 35dB (50 times voltage), Sensitivity - 0.775v , Frequency Response (-1dB) - 20~20000Hz, Typical THD (half power, 1kHz, 8 ohms) - <0.1%, Input Impedence - 20K, Crosstalk - >65dB, S/ N ratio - > 110dB, Slew Rate - >15V/us, Damping Factor - 500, THD - < 0.1% ,Protections - Soft-Start, Short-Circuit, Over-Voltage, Over-Current, Over-Load, DC Output, Temperature, Power Supply (PSU) - Linear topology with toroidal transformer,</p> <p>Make:- CELTO Acoustique / Martin Audio / Lab gruppen</p>	1 pcs		
3	<p>Mixer:- 8-Channel Rack mount Mixer , Max. 8 Mic / Line Inputs , SENSITIVITY (1 w 1m) - Mic Sens 4.36mV, -45dBu Imp 1k3ohm (Trim in centre 0dB) Line Sens 0.775V, 0dBu Imp >100k RCA 200mV, -12dBu Imp 30kohm (Trim in centre 0 dB), MAX LEVEL IN - XLR mic -15 dBu line +30 dBu, FREQUENCY RESPONSE - 20 Hz - 20 kHz (+0,-3 dB), OUTPUTS- Nominal Level 0 dBu into 1 kohm Imp 100 ohm, SIGNAL TO NOISE RATIO - > 90 dB (all pots at centre position)</p> <p>Make:- Australian Monitor/ Mackie / Yamaha</p>	1 pcs		



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4	Microphone:- Gooseneck Podium Microphone with 16 inch size with base unit.Frequency Response for Microphone - 50 - 15000 Hz, Impedance - 200 ohm, Power Source for Microphone - Phantom Power Make:- Custom	1 pcs		
5	Microphone:- Cordless Handheld Microphone with UHF frequency, Carrier frequency range 500 – 865 MHz, 30 MHz selection bandwidth, 8 hours of operation on a single AA size battery, ModulationFM (Frequency Modulation), T.H.D. at 1 kHz typ. 0.8%,Signal/noise ratiotyp. 105 dB(A) Make:- AKG / Sennheiser / JTS	2 pcs		
6	Microphone:- Cordless Lapel Microphone with UHF frequency, Carrier frequency range 500 – 865 MHz, 30 MHz selection bandwidth, 8 hours of operation on a single AA size battery, ModulationFM (Frequency Modulation), T.H.D. at 1 kHz typ. 0.8%,Signal/noise ratiotyp. 105 dB(A) Make:- AKG / Sennheiser / JTS	1 pcs		
7	Crossover:- XLR balanced ins and outs,Mode switches for mono 4-way or stereo 2-way/3-way operation, Low frequency summed (subwoofer) output, x10 range switch on both channels, 40Hz high pass (low cut) filter both channels, Phase reverse switch on all outputs, Individual level controls on all outputs, Input Type - Electronically balanced/unbalanced, RF filtered, CMRR - >40dB, typically >55dB at 1kHz, Frequency Response - < 3 Hz to > 90 kHz, +0/-3 dB, Signal to Noise Ratio - Ref: +4 dBu, 22 kHz measurement bandwidth Make:- DBX / Klark Technic / Rane	1 pcs		
8	Rack:- 9U wall mounted rack.Robust steel welded rame, 1.0mm compressed powder-coated steel frame and 2mm thick mounting edges.resolutions to efficiently control the increasing density of I/O cabling,Ideal for networking uses, Front glass door key link, Top & bottom cover with cable in-out provision, The door covering for environmental sealing, Make:- MTS /A-UNIKS / Rackom	1 pcs		
9	Cables, connectors & interconnection cables	1 Job		
Total Amount				
GST @ %				
Total amount including all taxes				



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The finalized bidder shall complete the said work within seven days from the date of award letter. If bidder fails to do so, the penalty will be imposed @ Rs. 1000 per day.

The sealed quotation superscribed as "QUOTATION FOR MIC AND AUDIO SYSTEM FOR STAFF ROOM" must reach the office in the name of the Principal, Shivaji College, Raja Garden, Ring Road, New Delhi – 110027 latest by 27.01.2021 upto 03:00 p.m.

Special Conditions:-

1. The quoting party have to submit the 3 years service support letter from the OEM for wall mount speakers & amplifier in the name of the Principal, Shivaji College specific to this case alongwith the quotation letter to be submitted.
2. The warranty for the Audio System items shall be for 1 year after handing over date to the client.
3. The party who fails to submit the authorization alongwith quotation their price bid will not be taken into consideration.
4. The work includes supply, Installation, Testing and Commissioning of the above items.

Other terms and conditions shall be mutually decided with the lowest bidder or accepted bidder.

The College reserves the right to accept/reject the quotation in partial form or in total without assigning any reason thereof.

Shiv Kumar Sahdev

**Dr. Shiv Kumar Sahdev
Officiating Principal**