

**A.P. JUDICIAL ACADEMY UNDER THE AEGIS OF
HIGH COURT OF ANDHRA PRADEH**

TENDER NOTIFICATION

ROC.No.37/APJA/2023 DATED 02.02.2023

Quotations in sealed covers are invited from the authorized/reputed agencies for supply of Projectors, Public Address System, Mike set Arrangements, Fixing of Screens, and setting up of Black Boards to all the class rooms for use in the Andhra Pradesh Judicial Academy.

The intending bidders may submit their sealed quotations mentioning the price in detail and G.S.T. or any other taxes separately and by furnishing all necessary information in detail with brochures and track record, if any, to the undersigned superscribing **"Quotations 02 Projectors, 02 Public Address System, Mike set Arrangements, Fixing of 02 Screens, and setting up of Black Boards to all the class rooms"** separately during office hours i.e., 10.00 A.M. to 5.00 P.M. on or before 09.02.2023 at A.P. Judicial Academy, D.No.377/2, Murugan Hotel Street, Kaza Village, Mangalagiri.

The details of the specifications of the required 02 Projectors, 02 Public Address System, Mike set Arrangements, Fixing of 02 Screens, and setting up of Black Boards to all the class rooms are mentioned here under for ready reference.

The supply shall be on credit basis and the supplier shall provide advance bills and stamped receipt. The bill amount will be credited to the supplier after deducting G.S.T and I.T. as per rules from time to time.

The Academy reserves the right to accept or reject any or all the Tenders/Quotations at any time without assigning any reason.

**PUBLIC ADDRESS SYSTEM, MIKE SET ARRANGEMENTS, FIXING OF
SCREENS**

1. PROJECTORS AND SCREENS

Sl.No	Parameter/Feature	Specifications
1.	Brightness	4000 ANS Lumens
2.	Contract	22000:1
3.	Technology with Chip	DP Technology with 0.55 "XGA Chip"
4.	Connectivity	HDMI X 2
		USB Type A (1.5A power) x 1
		USB Type min B for FW upgrade) x 1
		Computer In (D-sub 15pin, Female) x 1
		Monitor out (D-sub 15pin, Female) x 1
		RS232 In (D-sub 9pin, male) x 1
		Audio in (mini jack) x 1
		Audio out (mini jack) x 1
		IR Receiver (Front + Top) x 2
5.	Speakers	10W Speaker
6.	Lamp hour	15,000 hours in lamp saving mode
7.	Warranty	5 years onsite warranty on projector (1000 lamp hours)
8.	Documents	MAF, Service contact matrix, call log in procedure
9.	Accessories	VGA Cable – 15 meters HDMI Cables – 15 meters Power Cable – 15 meters 3 inch Casing – 15 meters 6 x 8 feet wall mount screen Ceiling mount kit – 1 ½ inch adjustable

Sl.No	Parameter/Feature	Specifications
2	Speakers (30 watts)	Supply, installation, Testing & Commissioning compact 2 way on wall loudspeaker ,co axial transducers with 4" two way loud speaker polypropylene Low frequency driver and 0.75" ferro fluid cooled silk dome tweeters, UL rated , power handling 40/160 (Cont /peak), frequency response 75Hz-20KHz, Sensitivity 84dB, Drivers: coaxial . 4" LF and 0.79 HF , Max SPL 106dB, Nominal impedance : 6ohms input connector: euro block with loop through. Dual Channel Commercial Class D Amplifier with Energy Star Certification delivering 2 x 120 W @ 4/8 Ohms and 70V/100V, distortion

		<p><0.05%, Frequency response 20 Hz to 20 kHz, +0.5 / -1 dB, Signal-to-noise >97 dBA. Tone controls on front panel, cross talk >85dBA, cooling system convention (fanless), Thermal, over current and high pass protection. Make: Labgrubben / Bose / Renkus Heinz. Make: Tannoy / Bose / ATLAS IED</p>
3	Speakers (100 watts)	<p>Supply, installation, Testing & Commissioning compact column array column speaker equipped with 5 x 3.5mm midrange drivers, Frequency response 130-15KHz, 120 W, Sound dispersion angle 130 x 45 (H x V) degrees Power handling 120/480 watts RMS (cont/peak), Max SPL 116dB .IP 65 rating. 1000</p> <p>Speakers (100 Watt 15" Front loaded Powered Subwoofer- 600W with Dual Amplifiers for Satellite Speakers output watts)</p> <p>power 2 x 200 W, Class-D amplifier, Spatial Sound Technology, Digital Mixer, Bluetooth Audio Streaming and iPhone/iPad Remote Control, 24-bit DSP, Maximum SPL 120dB peak, Frequency Response (+3 dB) 45Hz - 150Hz, Frequency Range (-10 dB) 38Hz - 200Hz. Standard colour Black Make: Turbo Sound /</p> <p>Bose / Renkus Heinz Make: Tannoy / Bose / Renkus Heinz</p>
4	Amplifier (400 watts)	<p>Supply, installation, Testing & Commissioning of 2-Channel 800WV Class D Power Amplifier delivering 2</p> <p>Amplifier(400 watts)</p> <p>x 400W per channel at 70 V, 2, 4, 8 and 16 ohms, THD 20 Hz - 20 kHz at 1W <0. 1%, Signal to Noise Ratio >112 BA, Frequency Response 2 Hz - 40 kHz, CMR 50 dB, Sensitivity 4 Bu. Make: Labgrubben /</p> <p>Bose / Renkus Heinz</p>
5	Mikes (wired)	<p>Supply, Installation, Testing & Commissioning dynamic cardioid designed for vocal stage use microphone. It shall have a rugged metal body and a shock-mounted capsule and shall be fitted with a hum compensating coil. The frequency response shall be 40 Hz - 18,000 Hz and the sensitivity (free (field, no load) shall be 2.8 mV/Pa at 1 kHz. Nominal impedance</p>

		shall be 350 , with a min. terminating impedance of 1 kQ. The microphone shall provide a 3-pin XLR connector. Make: Sennheiser / Audio Technica /DPA
6	Cordless MICS	<p>Supply, Installation, Testing & Commissioning Digital wireless handheld Microphone with UHF transmission greatly enhances range, reliability and scalability of 56 MHz Bandwidth will allow for up to 90 channels Up to 2,240 selectable frequencies with Mobile App streamlines setup and operation and eliminates complicated menus and Automated setup creates reliable connections with minimal time and effort Preserves every detail of even the most dynamic performances with 134 dB transmitter dynamic range Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries) Transducer principle dynamic with Pick-up pattern cardioid, Sound pressure level 154 dB SPL,</p> <p>Transmit power (radiated) Audio link: 10 mW ERP (Range Y1-3: 12 mW ERP) BLE: max. 10 mW</p> <p>EIRP. Make: Sennheiser / Audio Technica/DPA</p>
7	Collar MICS	<p>Supply, Installation, Testing & Commissioning Digital wireless lapel Microphone with UHF transmission greatly enhances range, reliability and scalability of 56 MHz Bandwidth will allow for up to 90 channels Up to 2,240 selectable frequencies with Mobile App streamlines setup and operation and eliminates complicated menus and Automated setup creates reliable connections with minimal time and effort Preserves every detail of even the most dynamic performances, with 134 dB transmitter dynamic range</p> <p>Lithium Ion battery pack delivers up to 12 hours of operation (up to 8 hours of operation with AA batteries) Transducer principle dynamic with Pick-up pattern cardioid, Sound pressure level 154 dB SPL,</p> <p>Transmit power (radiated) Audio link: 10 mW ERP (Range Y1-3: 12 mW ERP) BLE: max. 10 mW</p> <p>EIRP. Make: Sennheiser / Audio Technica/DPA</p>

8	Laser Soft Lighter	Supply installation testing & commissioning of Spotlight Presentation Remote with Motion sensor, 3D accelerometer and Gyroscope, Rechargeable Lithium Polymer, 85 mAh. Bluetooth Low Energy and 2.4 GHz wireless connection. Make: Logitech.
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SETTING UP OF BLACK BOARDS TO ALL THE CLASS ROOMS

2 x 3 Notice Board – 2

Kaza, Mangalagiri,
Dt. 02.02.2023.


DIRECTOR
A.P. JUDICIAL ACADEMY