

# ARMY PUBLIC SCHOOL

## AHMEDABAD CANTT

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3063/APS-AC/PA Sys

16 Apr 2024

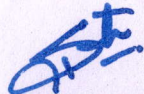
### CALLING FOR QUOTATION FOR PURCHASE AND INSTALLATION OF CENTRALIZE ANNOUNCE SYSTEM IN ARMY PUBLIC SCHOOL, AHMEDABAD CANTT

1. There is a requirement to purchase and installation of centralize announce system as per technical specification mentioned below:-

Ser No	Description	AU	Qty	Cost per Item	Total Cost
1	Six-zone system pre-amplifier shall support single or dual channel operation. With following features: Two input channels for call stations Universal input for microphone/line, with speech optimized tone control Three inputs for BGM selection and music optimized tone control Front panel zone selection for BGM and call station zone selection for calls Technical Specifications: Frequency response 50 Hz to 20 kHz (+1 / -3 dB) Distortion <0.5% CMRR >40 dB (50 Hz – 20 kHz)	Nos	1		
2	6 zone call station for pre amplifier shall be a high-quality call station with a stable metal base design, a flexible microphone stem, and a unidirectional condenser microphone. It shall be used to make calls to selected zones (one to six and all-call) in a public address system. Should have below features: Six zone selection keys, all-call key, and momentary PTT- key for calls Selectable gain, speech filter, and limiter for improved intelligibility Selectable priority levels and different pre and post call chimes Distortion <0.6% (maximum input) Input noise level (equiv.) 25 dB SPLA Frequency response 100 Hz to 16 kHz	Nos	1		
3	480 W power amplifier in a 3U high housing with 70 V / 100 V and 8 ohm outputs, Dual	Nos	1		

	inputs with priority switching, 100 V input for slave operation on 100 V speaker line, Mains, battery back-up with following features: 1. Output power (rms) 480 W 2. Frequency response 60 Hz to 18 kHz (+1 / -3 dB at -10 dB ref. rated output) 3. Distortion <1% @ rated output power, 1kHz 4. S/N (flat at max volume) >90 dB 5. Battery power supply: 24 VDC				
4	6W wall mount speaker with excellent speech & music reproduction - Max Power: 9W, Rated Power: 6Watts, Power Tapping: 6/3/1.5W - Effective frequency range(-10 dB) : 150 Hz to 15KHz - SPL at rated power (1Khz at 1 m) 93 dB Opening Angle 1 KHz / 4 KHz (-6 dB): 199° / 83° Shall be available in Black	Nos	55		
5	Installation & configuration Charges	Job	1		
<b>TOTAL</b>					

2. You are requested to submit quotation for aforesaid the item. Please ensure that your quotation for the said purchase for tinkering lab Items school email id by **22 Apr 2024**.

  
 (Mrs Sangeeta Patel)  
 Principal

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**Managed by Army Welfare Education Society (AWES)**  
**Affiliated to CBSE Affiliation No 480004 (Old No. 430021) School No : 03007**  
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