

	BILL OF QUANITITES						
	PA SYSTEM						
	Commercial and Residential building ,Ujjain, MADHYA PRADESH						
SOR item							
Item No.	Item No.		Description of Item	QTY.	Rate (in Rs.)	UNIT	Amt.
1	29.5	AUDIO CABLE	AUDIO CABLE				
	29.5.1.3	Twin core 1.50 sq.mm.	(48/0.20 mm) Twin core 1.50 sq.mm.	2000	58	METER	₹ 1,16,000.00
2	53.1	Digital voice alarm controller	zone IP based digital voice alarm controller				
	53.1.1	Digital voice alarm controller expandable upto 128 zones.	supply, installation, testing and commissioning of 8 zone IP based, digital voice alarm controller expandable upto 128 zones. The voice alarm controller should be able to connect directly over ethernet without any additional hardware or convertor. It should have functions like the audio playing, zone control, fault monitoring, log recording, volume control and amplifier switchover. The voice alarm controller should also have the following functions: . 100 - 255 priorities . Time schedule broadcasts . Capable to Connect PTT . Capable of amplifier redundancy . 8 trigger inputs/outputs	1	482820	Each	₹ 4,82,820.00
3	53.2	Networkable touch screen/keypad paging station	Networkable touch screen/keypad paging station				

	53.2.1	Networkable touch screen/Keypad paging station for selection of zones	Supply, installation, testing and commissioning of IP based networkable touch screen/ Keypad paging station for selection of zones, supervision of system status, setting of scheduled broadcasts with the following functions: . Built-in monitoring loudspeaker . Goose-neck microphone . LCD touch	1	132683	Each	₹ 1,32,683.00
4	53.3	Amplifiers	Amplifiers				
	53.3.1	4X125W class-D amplifier with 4 independent channels	Supply, installation, testing and commissioning of 4X125W class-D amplifier with 4 independent channels and can provide automatic re-settable over current, overload, overheating, overvoltage, under-voltage and	1	329017	Each	₹ 3,29,017.00
	53.3.2	2X250W class-D amplifier with 2 independent channels	Supply, installation, testing and commissioning of 2X250W class-D amplifier with 2 independent channels and can provide automatic re-settable over current, overload, overheating, overvoltage, under-voltage and	1	258405	Each	₹ 2,58,405.00

5	53.5	Speakers	Speakers				
	53.5.1	6W ceiling speaker with max SPL1M/1W 96dB	Supply, installation, testing and commissioning of 6W ceiling speaker with max SPL1M/1W 96dB. Frequency response of 80Hz-20KHz with a dispersion angle of 160 deg. The speaker should have tapings at 6W/3W/1.5W (with require mounting arrangement)	30.00	1703	Each	₹ 51,090.00
	53.5.2	20W ceiling speaker with max SPL1M/1W 90dB	Supply, installation, testing and commissioning of 20W ceiling speaker with max SPL1M/1W 90dB. Frequency response of 100Hz-20KHz with a dispersion angle of 120 deg. The speaker should have tapings at 20W/10W (With require mounting arrangement)	40.00	13206	Each	₹ 5,28,240.00
	NON SOR ITEM						
6	NON SOR	Audio connectors and accessories for integrations	Supply, installation, testing and commissioning of Audio Connectors - XLR Male and Balanced Jack, XLR Female and Balanced Jack and Audio cable, 3.5mm jacks for complete system integrations	1.00	135000.00	SET	₹ 1,35,000.00
Total							₹ 20,33,255
SAY							₹ 20,34,000

In Words Rs. - TWENTY LACS THIRTY FOUR THOUSAND ONLY