

**FIRE ALARM & DETECTION WITH PUBLIC ADDRESS SYSTEM AT ADMINISTRATION OFFICE,  
VARANASI**

S.No.	Description	Qty	Unit	Rate	Amount
	<b>FIRE ALARM SYSTEM</b>				
1	Wiring Armoured cable fixed on ceiling/ wall from floor panels to detectors including fixing of boxes in surface / recessed system etc <b>Make-Polycab/Havells/ Finolex make/or any reputed brand</b>				
	2x1.5 Sq.mm	3000	Mtr		
2	Supplying, Installation, connection, testing & commissioning the following: SMOKE DETECTOR (Optical type system sensor) <b>Make - Apollo 65 series or latest model /System Sensor/ Agni Devices AD338-2L</b>	350	Nos.		
3	Removing and refixing existing smoke detector.	100	Nos.		
4	Supplying, Installation, connection, testing and commissioning of HEAT detector (Rate of Rise cum fixed type system sensor) <b>Make - Apollo 65 series or latest model /System Sensor/ Agni Devices AD338-2L</b>	6	Nos.		
5	Supplying, Installation, connection, testing and commissioning of Electronic Hooter with connecting cable (As per IS 2189-2008, 6 Watts (Dual tone) of Min 65 db output, Fabricated from either spun aluminum or moulded PVC.)	12	Nos.		
6	Supplying, Installation, connection, testing and commissioning of Manual Break Glass Call Point with connecting cable (As per IS 2189-2008, with hammer and chain)	9	Nos.		
7	Supplying, Installation, connection, testing and commissioning of Remote Indicators with LED Display to be attached with the detectors as required.(as per relevant BIS)	120	Nos.		
8	Supplying, Installation, connection, testing and commissioning of Automatic FIRE control Panel 4 ZONE (item includes integrating to main fire room in building as per their specifications / instructions) <b>Make: (Eagle FAS/Debtech Electronics (Dtec-CF-64)/ Electro group (Ozone)/Agni (Oriell)/ Digital Di-Fire (FG-04)/NS-Agni fighter / Soft Chip-SC4ZDLX/ Agni Suraksha (Fire Scan)/ Firemech (NSD Agni Alarm)</b>	6	Nos.		

S.No.	Description	Qty	Unit	Rate	Amount
9	Photo Luminiscent Exit Signs (Self Glowing) Green in colour of make. 300x150mm (Any Reputed Brand)	9	Nos.		
10	Box Speakers 4/6/8 watts with selectable 8 Ohms, 70 & 100 Volts taps: Attractive-compact ceiling speaker designed to fit in almost any location especially where space is limited with easy mounting with spring mounting clamp. <b>Make: Bosch/Honewell/Ahuja</b>	9	Nos.		
11	Recessed mount (Ceiling), Speakers 4/6/8 watts with selectable 8 Ohms, 70 & 100 Volts taps: Attractive-compact wall mounted speaker designed to fit in almost any location especially where space is limited with easy mounting with spring mounting clamp. <b>Make: Bosch/Honewell/Ahuja</b>	96	Nos.		
12	Wiring 1.5 sq mm 2 core PVC insulated preferably FRLS with low impedance (Finolex /Polycab or equivalent ISI Brand) for PA system with all connections in suitable PVC conduit in false ceiling, walls or floor as required for existing system. <b>Make: Bosch/Honewell/Ahuja</b>	750	Mtr		
13	Supply, installation, commissioning, testing of Main Fire Alarm Control Panel of 10 Zone complete with batteries, battery charger and all other accessories strictly and integrated with local fire panel for silence and isolation as per IS:2189-2008 set <b>Make: Eagle FAS/Debtech Electronics / Electro group (Ozone)/Agni (Oriol)/ Digital Di-Fire /NS-Agni fighter / Soft Chip / Agni Suraksha / Firemech / NSD Agni Alarm.</b>	1	Nos.		
14	<b>Supply, installation, testing &amp; commissioning of complete PA System (with complete connection)</b>				

S.No.	Description	Qty	Unit	Rate	Amount
a	<p><b>Pre Amplifier 500 watt :</b> Line input 200mV/1V switchable for connecting a PA mixer or another amplifier. Resettable circuit breakers for protection against overload and short circuit.</p> <p>Specification:  Power output: 750 W Max, 500 W RMS at 10% THD  Output Regulation: &lt;2db, no load to full load at 1 kHz  Input Channels: 1x Line 200 mV/100 kilo Ohm.  Frequency Response: 50-15,000 Hz +/- 3dB  Power Supply: AC: 220-240 V 50/60 Hz, DC: 36V(3x12 V Car Battery)  Power Consumption: AC: 1000VA, DC: 8A</p> <p><b>Make: Bosch/Honewell/Ahuja</b></p>	1	Nos.		
b	<p><b>ADVANCED POWER MIXING AMPLIFIER:</b>  500 Watt Preamplifier and Line output for connecting to a Booster amplifier. Line input for connecting the output from any external mixer to be used as a booster power Amplifier. Also inbuilt blue tooth for audio streaming, supports audio play back from USB pen drive, 4 mike / line inputs plus music source input, 2 tone chime generator for channel 1. Resettable circuit breakers for protection against overload and short circuit.</p> <p>Specification:  Power output: 750 W Max, 500 W RMS at 10% THD  Output Regulation: &lt;2db, no load to full load at 1 kHz  Input Channels: 1x Line 200 mV/100 kilo Ohm.  Frequency Response: 50-15,000 Hz +/- 3dB  Power Supply: AC: 220-240 V 50/60 Hz, DC: 36V(3x12 V Car Battery), Power Consumption: AC: 1000VA, DC: 8A  Headphone socket and surge voltage protection.  Front panel has Power-ON switch with LED indication • LCD display, USB port, UBS/BT keyboard functions with IR remote sensor</p> <p><b>Make: Bosch/Honewell/Ahuja</b></p>	1	Nos.		
c	<p><b>Microphone:</b> Remote paging Mic Console- A High performance remote zonal paging console that works with paging controller for remote paging and control over a multi-zone (Minimum 6 Zone) system with recessed chime and microphone level controls.</p> <p><b>Make: Bosch/Honewell/Ahuja</b></p>	1	Nos.		

S.No.	Description	Qty	Unit	Rate	Amount
d	<p><b>Steel Rack for Amplifiers complete with pre-wired and control accessible from the front:</b>            -Convenient and quick movable on wheel -Cable entry from the rear side -Turning Angle of front and Rear Door over 1800 -Material SPC quality cold rolled sheet -Powder coating frame and door key lock -Compatible with 19" international standard. - Maximum Loading capacity 60-80 Kg -Welded frame with reliable structure -Front toughened Glass door with good quality of body finishing &amp; must able to housed the amplifiers  <b>Make: Leading Brand fulfill the specification</b></p>	1	Nos.		
	<b>Total</b>				