



MAHATMA GANDHI MISSION TRUST
MGM INSTITUTE OF HEALTH SCIENCES, CENTRAL PURCHASE DEPARTMENT (CPD)
Plot 1 & 2, Sector -1 Kamothe, Navi Mumbai 410209

E-Tender of FIRE ALARM SYSTEM FOR BUNKER (MEP)

Tenders invited from reputed Manufactures or their authorised distributors / dealers of MEP of Bunker - (Mechanical, Electrical and Plumbing), for supply to MGM New Bombay Hospital, Vashi, Navi Mumbai in the format given bellow:

Name & Address of Vendor: _____

FIRE ALARM & PUBLIC ADDRESS SYSTEM - BOQ

Sl. No.	ITEM DESCRIPTION	QTY	UNIT	MATERIAL (RS)	LABOUR (RS)	RATE (RS) (M+L)	AMOUNT (RS)
A	FIRE ALARM SYSTEM						
1.00	Supply, Installation, Testing & Commissioning of Addressable monitor modules for Sprinkler Tamper proof switch and Flow Switch as required. (UL 7th Edition Approved and NFPA compliant/ EN54 or latest amended upto date) complete as required.	2	Nos.				
2.00	Supply, Installation, Testing & Commissioning of addressable Relay/Control Module with relay etc. for Sounder, AHU, Fire Dampers, Smoke Ventilation complete as required and as per specifications. (UL 7th Edition Approved and NFPA compliant/ EN54 or latest amended upto date) complete as required.	6	Nos.				
3.00	Supply, Installation, Testing & Commissioning of Automatic Analogue addressable smoke detector below false ceiling with auto floating sensitivity, mounting base LED, addressing rotary Switch to programme the detectors complete as required. Detector shall withstand temp. variation from 0 to 50 degree C. (UL 7th Edition Approved and NFPA compliant/ EN54 or latest amended upto date)	43	Nos.				
4.00	Supply, Installation, Testing & Commissioning of Automatic Analogue addressable smoke detector above false ceiling with auto floating sensitivity, mounting base LED, addressing rotary Switch to programme the detectors complete as required. Detector shall withstand temp. variation from 0 to 50 degree C. (UL 7th Edition Approved and NFPA compliant/ EN54 or latest amended upto date)	31	Nos.				
5.00	Supply, Installation, Testing & Commissioning of Automatic Analogue addressable wall mounted smoke detector with auto floating sensitivity, mounting base LED, addressing rotary Switch to programme the detectors complete as required. Detector shall withstand temp. variation from 0 to 50 degree C. (UL 7th Edition Approved and NFPA compliant/ EN54 or latest amended upto date)	1	Nos				
6.00	Supply, Installation, Testing & Commissioning of Addressable type Manual call (Pull down type) Station complete with, all accessories as per specifications. (UL 9th Edition Approved/ EN54 and NFPA compliant or latest amended upto date) complete as required.	1	Nos.				
7.00	Supply, Installation, Testing & Commissioning of loop addressable Xenon type Strobe Light with 177 cd Intensity with control module (colourless transparent lense indoor type) as per specifications. complete with MS Powder coated Junction Box for mounting on Surface, Cable lugs at Ends, cable compression glands, cable tags and Ferruling as specified in NFPA 72 - 2019 edition. (UL Listed/ EN54 or latest amended upto date)	10	Nos.				

Sl. No.	ITEM DESCRIPTION	QTY	UNIT	MATERIAL (RS)	LABOUR (RS)	RATE (RS) (M+L)	AMOUNT (RS)
8.00	Supply, Installation, Testing & Commissioning of Addressable Fault / Loop isolator module with Automatic Resetting Arrangement including Surface mounting Junction / backbox with required accessories complete.	8	Nos.				
9.00	Supply, Installation, Testing & Commissioning of ISI Marked 2 Core x 1.5 Sq.mm, Multistrand Copper, Shielded, Twisted pair, FRLS PVC insulated Armoured wires, laid on wall / slab or structure with necessary GI saddles & spacer at 0.5 meters interval. complete with Lugs, Cable Compression Glands, Cable tags and ferruling. scope shall also include required end termination using gland, lugs & required accessories. Colour - Red	550	Rm				
10.00	Supply, Installation, Testing & Commissioning of 2 way communication Fire Fighter's Telephone Jack fitted on wall including the cost of breaking and making good the wall wherever required, complete in all respects as per specifications. (UL 7th Edition Approved and NFPA compliant/ EN54 or latest amended upto date) complete as required.	1	Nos.				
11.00	Supply, Installation, Testing & Commissioning of armoured twisted pair bunched FRLS pvc insulated cable 2 Pair, 0.75 mm ISI marked for fire telephone jack system including all accessories complete as required.	RO	Rm				
	Total for Fire Alarm System						
B	PUBLIC ADDRESS SYSTEM						
1.0	Supply, Installation, Testing & Commissioning of 6 Watt set at 3Watt Ceiling Mounted Metal Grid Speakers with line matching transformer, having tapping point 1.5W/3W/6W & required fire rated backbox and other accessories.	25	Nos				
2.0	Supply, Installation, Testing & Commissioning Power Amplifier with accessories. 75 Watts	1	Nos				
3.0	Supply, Installation, Testing & Commissioning of ISI Marked 2 Core x 1.5 Sq.mm, Multistrand Copper, Shielded, Twisted pair , FRLS PVC insulated Armoured wires, laid on wall / slab or structure with necessary GI saddles & spacer at 0.5 meters interval. complete with Lugs, Cable Compression Glands, Cable tags and ferruling. scope shall also include required end termination using gland, lugs & required accessories. Colour - Grey	390	Rm				
	Total for Public Address System						
C	CABLE TRAYS & CONDUIT ACCESSORIES						
1.0	Supply and fixing of Perforated Cable tray with horizontal & vertical bends, reducers, Tee's, cross over , suitable supports and brackets and other accessories as required confirming to IEC-61537. The Tray shall be galvanized for corrosion protection confirming to DIN EN 10346 / ISO 1461 .The trays should be tested for a safe working load of 150 Kgs with a span distance of 1.5 meters and the deflection should be within the limits as per standard. The safety factor shall be 1.7 times of the safe working load. The perforated tray shall be supplied with the standard length of 3 Mtr.						
1.1	500 mm width x 60mm Height	30	Rm				

