

Name of Work : FIRE ALARM AND FIRE FIGHTING SYSTEM AT CANARA BANK GIFT CITY, GANDHINAGAR					
Sr. No.	Item Description	Unit	Qty	Unit Rate	RATES
1	Providing, laying, testing and commissioning of 'C' class heavy duty GI pipe conforming to IS:1239 including fittings like elbows, tees, flanges, tapers, nuts, bolts, gaskets etc fixing the pipe on the wall/ ceiling with suitable clamps and painting with two or more coats of synthetic enamel paint of post office red clour complete as required of following dia.				
A	Size : 80 mm	mtr.	198.24		
RATES IN WORDS:					
B	Size : 65 mm	mtr.	116.55		
RATES IN WORDS:					
C	Size : 40 mm	mtr.	238.45		
RATES IN WORDS:					
2	Supplying, fixing, testing and commissioning of butterfly valve PN 1.6, bronze/ Gun metal seat duly ISI marked complete with Nuts, Bolts, washers, gaskets, conforming to IS 13095 of following sizes of following dia.				
A	Size : 80 mm	Nos.	35		
RATES IN WORDS:					
3	Providing and fixing Sprinkler's , 68 Deg. C with combination with existing piping, support, etc.	Nos.	146.00		
RATES IN WORDS:					
4	Providing and fixing flexible drop hose of 1.5 mt of 1200 mm as per given design in false ceiling	Nos.	146.00		
RATES IN WORDS:					
5	Providing and fixing Fire Extinguisher's, ISI marked as following.including all flexible drop hose as per given interior design in false ceiling				
A	Supply, Filling and Fixing of following type of approve make fire extinguishers Dry powder type, Capacity 6 Kg. (conforming to IS:2171 with cylinder fully charged).	No.	15		
RATES IN WORDS:					

B	Supply and installation, testing and commissioning of CO2 type fire extinguisher with 4.5 kg. Capacity complete with installation brackets conforming to IS15683 with ISI mark.	No.	15		
RATES IN WORDS:					
6	Providing and fixing Signages on SS Sheet	sq. in.	300		
RATES IN WORDS:					
7	Supply and installation, testing and commissioning of of Intelligent addressable manual call point (MCP) & Hooter Flasher unit .	No.	2		
RATES IN WORDS:					
8	Supply & installation of test sprinklers at outside for testing with ball valve	No	1		
RATES IN WORDS:					
9	Supply & Fixing Gun Metal Single Ball acting air release valve with isolation ball valve 25 NB	No	1		
RATES IN WORDS:					
10	Supply & Installation of crossman Flush /Drain Ball Valve arrangements with 25 NB	No	6		
RATES IN WORDS:					
11	Supply installation testing and commissioning of 150NB sprinkler alarm valve with isolation butterfly valve and all necessary trim set and alarm gang .	Set	1		
RATES IN WORDS:					
12	Supply Installation Testing & commissioning of 100 nb zone control valve assembly with gear operated butterfly valve pressure guage Test Drain Ball Valve & flow switch for future connection	Set	1		
RATES IN WORDS:					
13	Supply, Installation, testing & commissioning of 100 mm dial size 0 to 16 Kg/cm2 range, pressure gauges with all accessories like niddle valve etc. As per IS:3624	No	8		
RATES IN WORDS:					
14	Supply, Installation, testing & commissioning of Pressure Switches for pressure range of 0 to 16 Kg/cm2 with all accessories like niddle valve etc.	No	4		
RATES IN WORDS:					
Total of Fire Estimate					
AMOUNT IN WORDS:					

FIRE ALARM SYSTEM

1	Supply, Installation, Testing and Commissioning of Microprocessor based Fire Alarm System Panel,Addressable Fire Alarm Control Panel with minimum 80 characters LCD display, 800 event plus 200 alarm log history events, QWERTY keypad for programming. The panel should be equipped with sufficient ONE numbers of loops considering 20 % spare capacity in each loop. Each loop shall have a capacity of minimum 159 Detectors + 159 Devices. The panel shall work in degrade mode in case of CPU failure. Four access levels, flash EPROM, 240 volts AC power supply, automatic battery charger, 24 volts sealed lead acid batteries sufficient for 24 hours normal working and 30 mins in alarm condition..The Panel shall be UL listed and FM approved Approved Make : Honeywell/XLS-3000/Fire-Finder	1	No.		
RATES IN WORDS:					
2	Supplying, Installation, Testing and Commissioning of Addressable Multi-criteria Photo-Thermal Detector with sensitivity range of 0.5 to 4.0% obs/ft.The intelligent multi criteria detection device shall include the ability to combine the signal of the thermal sensor with the signal of the photoelectric signal in an effort to react hastily in the event of a fire situation. It shall also include the inherent ability to distinguish between a fire condition and a false alarm condition by examining the characteristics of the thermal and smoke sensing chambers and comparing them to a database of actual fire and deceptive phenomena. The detector shall have twin bi-colour LED for 360 deg viewing. Addressing shall be with user friendly rotary decimal switches. Designed to meet UL268, 7th Edition. Approved Make : Honeywell/XLS-3000/Fire-Finder	90	No.		
RATES IN WORDS:					
3	Supply, Installation, Testing And Commissioning of UL listed, Flush or surface mounted Manual Call Point in manufacturers prescribed matching red enamel outlet box complete with key operated test-reset lock. The word FIRE shall appear in front of station as per all requirements . Approved Make : Honeywell/XLS-3000/Fire-Finder	8	No.		
RATES IN WORDS:					
4	Supply, Installation, Testing And Commissioning of Control Module for activation of third party services. Approved Make : Honeywell/XLS-3000/Fire-Finder	4	No.		
RATES IN WORDS:					
5	Supply, Testing and Commissioning of Monitor Module for monitoring of third party services. Approved Make : Honeywell/XLS-3000/Fire-Finder	4	No.		
RATES IN WORDS:					

6	Supply, Installation, Testing And Commissioning of UL listed Surface mounted addressable type dual tone Electronic speaker cum hooters with strobe lights of 110 Cd intensity and maximum 80db sound level. Approved Make : Honeywell/XLS-3000/Fire-Finder	8	No.		
RATES IN WORDS:					
7	Supply, Testing and Commissioning of Response Indicator with dual LED lamp, 24V DC voltage, Alarm Current 10 mA. Approved Make : Honeywell/XLS-3000/Fire-Finder	90	No.		
RATES IN WORDS:					
8	Supply, Testing and Commissioning of Isolator Module for monitoring of third party services. Approved Make : Honeywell/XLS-3000/Fire-Finder	12	No.		
RATES IN WORDS:					
9	Supply, Installation, Testing and Laying of 2 Core X 1.5 Sq.mm FRLS Copper armoured cable with all required accessories. Approved Make : POLYCAB/FINOLEX/CALIPLAST	1800	Mtr		
RATES IN WORDS:					
10	Supply, Testing and Commissioning of connectors like XLR, Jack, RCA, etc.	1	Set		
RATES IN WORDS:					
Total of Fire Alarm Estimate					
AMOUNT IN WORDS:					
NOTE: THE CONTRACTOR IS RESPONSIBLE FOR PREPARING DRAWING AND DOCUMENTATION AS WELL AS GETTING FIRE NOC FROM LOCAL FIRE DEPARTMENT AS WELL AS LAISIONING WITH CLIENT AND GIFT TEAM AND NO EXTRA COST WILL BE PAID FOR THE SAME					