

BILL OF QUANTITIES						
SECTION-L: FIRE DETECTION SYSTEM						
Sr. No.	DSR 2012	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
		<b>Non DSR</b>				
		<b>FIRE DETECTION</b>				
1		SITC of <b>FIRE ALARM CONTROL PANEL</b> : Microprocessor based 2 loop fire alarm control panel fully networkable, expandable with each loop capable of taking 127 devices expandable upto 4 loop, 8 line x 40 character alpha-numeric liquid crystal display. The panel shall be soft addressable type. The Panel should be able to store 10,000 log events in it's memory. The panel shall be able to give pin point location of all fire / fault conditions. Further, the panel must be able to automatically switch off respective control switches when ever any alarm is triggered. The panel shall have in built rectifier, Loop cards, LCD unit to indicate Fire / Fault Signal with address and analog output, option of built in printer to log all fire or fault events complete in all respects, integral SMF lead acid batteries with sealed cells of 24 V capable of running for a minimum of 8 hours with integral battery charger complete as required and as per specification VDS & CNBOP approved.	No.	1	250,000.00	250,000.00
2		SITC of <b>REPEATER PANEL</b> : With 2 line / 40 characters alpha numeric LCD display of FACP status information with commands such as reset and mute, complete as required.	No.	1	36,000.00	36,000.00
3		SITC of <b>HEAT DETECTORS</b> : Analogue, Soft Addressable, Intelligent heat detector with decentralized intelligence, automatic function self-test, CPU Failure mode, alarm and data memory, alarm indicator and with In-built Isolator, complete with base as required.	No.	88	3,000.00	264,000.00
4		SITC of <b>MANUAL CALL POINT</b> : Analog, Soft Addressable, Manual Call Point with integrated Isolator, complete as required.	No.	26	3,300.00	85,800.00
5		SITC of <b>RESPONSE INDICATORS</b> : Local make response indicator complete as required.	No.	5	110.00	550.00
6		SITC of <b>MONITOR MODULES</b> : Addressable transponder / Monitor Modules complete as required.	No.	18	3,300.00	59,400.00
7		SITC of <b>CONTROL MODULES</b> : Addressable transponder / Control Modules complete as required.	No.	30	2,400.00	72,000.00
8		SITC of <b>HOOTER CUM STROBES</b> : Addressable Hooter cum Strobe complete as required.	No.	26	4,000.00	104,000.00
9		SITC of <b>SIREN</b> : Local make Addressable siren with high intensity having range of 1 km for out door application etc. complete as required.	No.	1	7,500.00	7,500.00
10		SITC of 10 W Moulded cabinet wallmount loudspeakers with following features:- Built-in 100 / 70 V LMT, steel mesh, SPL 1W/1m = 96dB, SPL@Full power = 104 dB, EASE/CATT/ULYSSYS DLL ready.compliance with IEC60268 - Part 5, BS5839 Part 8 complete with necessary mounting hardware & accesories.	No.	10	6,500.00	65,000.00
11		SITC of DSP Based Audio Controller System for Public Address & Voice evacuation with:- 2 zones, class AB wiring, 4 monitored speaker circuits, On-panel display & zone keys, 5 audio inputs, Integrated & monitored Fireman microphone, Digital message players up to 45 min for Automatic Voice Evacuation, Event log incident data records upto 500 incidents, built in or seperate amplifiers 120W 7 band parametric equalisation. Compliance with EN 60849 , BS 5839 part 8 & EN 54-16 standards	No.	1	200,000.00	200,000.00
12		Supplying and drawing Copper Conductor, MICA taped, Halogen Free of 2 x 1.5 sq.mm cable including all supports required for instalation as per requirement on surface including all end terminations complete in all respect for succesful commissioning	RM	1500	250.00	375,000.00
		<b>TOTAL SUB HEAD LOW VOLTAGE</b>				<b>1519250.00</b>