

Revised Schedule of work

Name of Work: Supply, Installation, Testing & Commissioning of conventional type Fire Detection and alarm system, PA system, for ground floor of Centenary Building, at IACS, Jadavpur, Kolkata					
Sl No.	Item Description	Quantity	Unit	Rate(Rs.)	Amount(Rs.)
1	Supply,Installation,testing & Commissioning of heat detector operating at 54°C/57°C with rate of rise cum fixed temperature (Dual Thermister) type with mounting base ,Complete with all connection etc.as required.	40	Each		
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security				
2	Supply, Installation,testing & Commissioning of smoke detector with built-in LED and mounting base plate ,complete with all connections etc.as required.	142	Each		
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security				
3	Supply, Installation,testing & Commissioning of Manual call box of MS construction in surface/recess with stainless steel chain & hammer assembly complete with glass & push button etc. as required.	4	Each		
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security				
4	Supply,Installation ,Testing & Commissioning of Response indicator on surface/recess MS box having two LEDs,metallic cover,complete with all connections etc.as required.	118	Each		
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security				
5	Supply,Installation, Testing and commissioning of fire alarm sounder with facility to make announcement,mounted in MS box (16SWG) with hinged cove plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required.	4	Each		
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security				
6	Supply,Installation,testing & Commissioning of talk back slave station in surface/recess suitable for operation on simplex mode complete with P.T.T Knob & speaker/Microphone enclosed in a MS(16SWG)/ABS box with break glass in front etc. complete as required.	4	Each		
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security/Ahuja				

Sl No.	Item Description	Quantity	Unit	Rate(Rs.)	Amount(Rs.)
7	Supply,installation,testing &commissioning of sector panel suitable for following zones,complete with visual indications for short circuit fault,open circuit fault,fire conditioin fault and all other standerd facilites as per IS-2189 with mimic diagram for all area /zone covered,complete with all connections , interconnections as required.				
a)	6 zone	2	Each		
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security				
8	Supply, Installation, Testing & Commissioning of main control and indicating panel made out of 16SWG MS sheet to accommodate the following items, duly powder coated in approved colour with louvers for ventilation, locking arrangement, audio visual indication for fire alarm and public address system, monitoring system including connection, interconnections etc. complete as required.				
a)	6 zone panel for fire alarm system				
b)	100W amplifier racks suitable for operation on 230V AC / 24V DC supply confirming to IEC-268-3 complete with all accessories as required (2nos., One to act as standby).				
c)	Talk back master station with LED PTT (press to talk) push button for operation on 230V AC/24V DC supply conforming to IEC-268 for simplex mode of operation/communication suitable for 20nos. Talk back unit - 1 set.				
d)	Announcement control desk suitale for selection of different zones selectivity and ON ALL CALL switch with visual indicaiton etc., complete as required - 1 set.	1	Each		
e)	Amplifier change over switch for inter changing amplifier - 1 no. monitor panel for loudspeaker complete output selector ON/OFF switch, fuse visual indications etc. complete as required - 1no.				
f)	Gooseneck microphone with stand and ON/OFF switch-1 no. mains ON/ OFF switch, fuse indications lamps, DC and AC voltmeters & Ammeters terminals blocks etc. complete as required-1 set.				
g)	Battery charger trickle cum boost to take complete load of fire alarm & PA system complete with all accessories including providing & fixing of 2nos. 12V, 30AH each sealed maintenance free batteries-1 set.				
	BOSCH/Notifier(Honeywel)/Appolo-65/System Sensor/Ravel/Ases security/Ahuja				

Sl No.	Item Description	Quantity	Unit	Rate(Rs.)	Amount(Rs.)
9	Supplying and drawing following size of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required.				
a)	2 X 1.5 sq.mm	2000	Meter		
	Finolex/Havells/KDK/Gloster				
10	Supplying and fixing of following size of medium class steel conduit along with all accessories in surface/recess, including painting the the conduit with red enamel paint , cutting the wall and making good the same in case of recessed conduit, as required.				
a)	20mm	500	Meter		
11	Supplying and fixing 25 mm dia MS flexible pipe with PVC coating along with all accessories like coupler etc. as required.	400	Meter		
				Total	
Rupees.....only					
NOTE: The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor, except the accepted rate.					

Signature of the Bidder with seal