

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
1.00	MCB DISTRIBUTION BOARDS				
1.01	Supplying, installation, testing and commissioning, horizontal type, sheet steel, ivory colored, MCB distribution board (double door type) having provision for MCB-cum-ELCB as incomer, on recess, complete with tinned copper busbar, din bar, detachable gland plate, blanking plate, interconnection including painting, earthing etc. complete with following switchgears and as required.				
	i) 8 Way Incomer : 63A MCB-cum-ELCB (Earth leakage circuit breaker with short circuit & overcurrent protection with current sensitivity of 30mA)	2	Each		
	ii) 8 Way Incomer : 40A MCB-cum-ELCB (Earth leakage circuit breaker with short circuit & overcurrent protection with current sensitivity of 30mA)	1	Each		
1.02	Supplying and fixing following rating single pole, 240 volts, Miniature Circuit Breaker (MCB) in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	i) 6-32 Amps	72	Each		
TOTAL SUB HEAD - 1.00					

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
2.00	WIRING				
2.01	<p>Wiring for light point/fanpoint/ exhaust fan point/call bell point with 1.5 sq.mm. PVC insulated, copper conductor cable (including 1.5 sqmm PVC insulated, copper conductor cable for earthing from switchboard to each point) in recessed MS conduit or PVC casing and Caping (including supply & fixing of conduits or PVC Casing & Caping, wires etc with all accessories, fan boxes etc) with modular type switches in suitable size modular metal boxes, base plate & modular cover plates etc. and complete as required.</p> <p>Note: 1. The wiring on ceiling is to be done in suitable size PVC Casing & Caping (including supplying and fixing PVC Casing & capping of ISI mak) 2. The wiring on wall is to be done in recessed MS Conduit (including supplying and laying MS Conduit)</p>	35	Point		

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
2.02	<p>Shifting of light point wiring (using suitable connectors) for existing light point/fanpoint/exhaust fan point/call bell point with 1.5 sq.mm. PVC insulated, copper conductor cable (including 1.5 sqmm PVC insulated, copper conductor cable for earthing from switchboard to each point) in recessed MS conduit or PVC casing and Capping (including supply & fixing of conduits or PVC Casing & Capping, wires etc with all accessories, fan boxes etc) with modular type switches in suitable size modular metal boxes, base plate & modular cover plates etc. from existing to new location (Less than 5 metres) and complete as required.</p> <p>Note: 1. The wiring on ceiling is to be done in suitable size PVC Casing & Capping (including supplying and fixing PVC Casing & capping of ISI mak) 2. The wiring on wall is to be done in recessed MS Conduit (including supplying and laying MS Conduit)</p>	50	Point		
2.03	<p>Wiring for 5A light plugs with 1.5 sq.mm. PVC insulated, copper conductor cable including 1.5 sq.mm. PVC insulated, copper conductor cable for earthing in recessed steel conduit as per CPWD specifications and as required.</p>	35	Point		

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
2.04	Wiring for power plug with 2X4 sqmm PVC insulated, copper conductor, single core cable in existing MS conduit or PVC raceway/Casing & Caping along with 2.5 sqmm PVC insulated, copper conductor, single core cable for loop earthing complete as required.(NEW)	55	Meter		
2.05	Shifting of existing Power Plug complete with All accessories including connections with 4 Sq.mm PVC insulated copper conductor, multi core cable etc.including earthing with 2.5 Sqmm PVC insulated copper wire to the new location as shown in drawing.	25	Point		
2.06	Wiring for power plug with 2X6 sqmm PVC insulated, copper conductor, single core cable in existing MS conduit or PVC raceway/Casing & Caping along with 4 sqmm PVC insulated, copper conductor, single core cable for loop earthing complete as required.(NEW)	10	Point		
2.07	Supply and installation of 100mmX50mm double compartment PVC raceway system on surface including dividers, bends, tees, end covers and all accessories and all associated civil works complete as required.	200	Metre		

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
2.08	Supply and fixing of following sizes of steel conduit alongwith the accessories in recess including painting, or cutting the wall and making good the same in case of conduit as recessed required (For telephone and FDA system).				
	i) 20 mm dia	100	Metre		
	ii) 25 mm dia	175	Metre		
	iii) 32 mm dia	125	Metre		
2.09	Wiring for submain wiring with following sizes of PVC insulated, copper conductor single core cable in existing PVC raceway/MS Conduit complete as required (NEW).				
	i) 4X16 Sqmm	100	Metre		
	ii) 2 No. 10 sqmm wire for earthing for item mentioned above	100	Metre		
2.10	Supplying and fixing suitable Module metal box on surface or in recess including providing and fixing 5 pin 5/6 amps. modular socket outlet with shutters and 5/6 amps. modular type switch, base plate, modular cover plate, connections etc. and all civil works 'complete as required.				
		35	Each		

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
2.11	Supply, installation, testing & commissioning of suitable modular metal box on surface or in recess including providing and fixing 6 pin 15/16 A modular socket outlet with shutters and 15/16 A modular switch, base plate, modular cover plate, connections, etc. and all civil works complete as required.	55	Each		
2.12	Supply, installation, testing & commissioning of suitable module modular box on existing PVC raceway System with suitable size modular base plate & cover plate including providing and fixing 1 No.6 pin 15/16 A modular socket outlets with shutters and 15/16 A modular switch, connections, etc. and all civil works complete as required. Switches and sockets shall be suitable for mounting on PVC raceway System	15	Each		

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
2.13	Supply, installation, testing & commissioning of following 20 Amps, 240 volts, 2P+E, Industrial Socket Outlet (with plugs) in a metal box with 32 Amp SP MCB in a sheet steel cover on surface or recess complete with all accessories including connections, testing and commissioning etc. as required.				
		15	Each		
Note : Unless otherwise specified conduiting is to be done in recess.					
TOTAL SUB HEAD - 2.00					

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
3.00	LIGHT FIXTURES AND FANS				
3.01	Supply of following light fixture with copper ballast, starter, capacitor, tubes/lamps, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories as required.				
	i) 2X36watt dust proof fluorescent light for Lab areas (Model to be approved by Engineer of HSCC)	20	Each		
	ii) 2X36watt Surface mounted Mirror Optics fluorescent light (similar to the existing model of Crompton Greaves)	10	Each		
	iii) 1X36watt Surface Mounted mirror optic flourescent light (similar to the existing model of Crompton Greaves)	15	Each		
3.02	Installation, testing and commissioning of prewired, fluorescent fittings of all types, complete with all accessories and tube etc. directly on ceiling/false ceiling, including connections with 1.5 sq.mm. PVC insulated, copper conductor, single core cable etc. as required.	10	Each		

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1	2	3	4	5	7
3.03	Installation, testing and commissioning of prewired, fluorescent fittings of all types, complete with all accessories and tube etc. on ceiling with Down Rods of required length, including connections with 1.5 sq.mm. PVC insulated, stranded copper conductor, single core cable etc. as required. (Wiring is to be done with 3 core stranded copper conductor flexible cable in case of ceiling rose is to be provided)	30	Each		
3.04	Dismantling of existing all types of fluorescent/compact fluorescent light fixture with all accessories including switch and swtchboard and handling over the same to the concerned officials complete as required.			Lump Sum	
3.05	Supply of following compact fluorescent light fixture with copper ballast, starter, capacitor, lamps, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories complete as required.				
	i) 2X11 watt surface mounted mirror optics CFL Light (Philips TLE211 or approved equivalent).	6	Each		
	ii) 1X11 watt surface mounted CFL Light (Crompton Greaves Make TLN 11 or approved equivalent).	8	Each		

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	iii) 2X18 watt, Surface mounted compact flourescent light (GE make GE CFL C 2X18 DN AO S (MINT) or equivalent)	10	Each		
3.06	Installation, testing and commissioning of prewired, CFL light fittings of all types, complete with all accessories and tube etc. directly on ceiling/ wall/ false ceiling, including connections with 1.5 sq.mm. PVC insulated, copper conductor, single core cable etc. as required.	17	Each		
3.07	Shifting & testing of existing Light Fixtures complete All accessories and tube etc. including connections with 1.5 Sq.mm PVC insulated copper conductor, multi core cable etc. to the new location as shown in drawing.	45	Each		
3.08	Shifting of existing ceiling fans and exhaust fan complete with double ball bearing, motor, blades, downrod, canopies, capacitor, with all accessories to the new location	20	Each		

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
3.09	Dismantling of existing ceiling fans, exhaust fan and wall fan complete with double ball bearing, motor, blades, downrod, canopies, capacitor, with all accessories and handing over the material to the concerned officials complete as required.				
			15 Lump Sum		
TOTAL SUB HEAD - 3.00					

S.No.	Description.	Qty.	Unit.	Rate in Figures (in Rs.)	Amount in Figures (in Rs.)
1	2	3	4	5	7
4.00	TELEPHONE AND FDA SYSTEM				
4.01	Supplying and fixing 2 module modular metal box on surface or in recess including providing and fixing following no., following modular telephone socket outlet, base plate, modular connections, etc.complete as required.				
	i) 1 pair cord outlet (Jack Type)	26	Each		
4.02	Supply, installation, testing & commissioning of suitable modular box on existing PVC raceway including providing and fixing jack type modular Telephone Outlet, base plate, modular cover plate, connections, etc. and all civil works complete as required.				
		4	Each		
4,03	Supply and drawing of following sizes of 0.61mm dia annealed tinned copper conductor PVC insulated and PVC sheathed unarmoured telephone cable in existing recess steel conduit or in existing PVC raceway System complete as required				
	i) 2 Pair	650	Meter		

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1	2	3	4	5	7
4.04	Supplying, Installation, testing and commissioning of following sizes of telephone distribution board in M.S. hinged type box duly painted complete with Krone type tag block etc. including terminations of cable as required.				
	i) 10 Pair	4	Each		
4.05	Supply and laying of following sizes of 0.61mm dia annealed tinned copper conductor PVC insulated and PVC sheathed armoured telephone cable complete as required				
	i) 10 Pair	50	Metre		
4.06	Shifting of the following Conventional type fire detection and alarm accessories as per CPWD specification & complete with connections etc from existing to the new location complete as required.				
	i) Ionization type Smoke Detector (Below False Ceiling)	40	Each		
	ii) Ionization type Smoke Detector (Above False Ceiling)	4	Each		
	iii) Heat Detector	6	Each		
	iv) Manual Break Glass Unit in MS enclosure	2	Each		
	v) Fire Alarm Bell / Hooter in MS enclosure	4	Each		
TOTAL SUB HEAD - 4.00					