

Renovation of staff Quarters For ESIC Dispensary at Cheruvannur,Kozhikode District.

Tender Schedule

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
1	Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	469.00	sqm		
2	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead :Thickness above 10 mm up to 25 mm	228.00	sqm		
3	Dismantling wood work in frames, trusses, purlins and rafters upto 10 metres span and 5 metres height including stacking the material within 50 metres lead: of sectional area below 40 square centimetres.	1640.00	rm		
4	Dismantling doors, windows and clerestory windows (steel or wood) including shutters chowkhats, architrave, holdfasts etc. complete and stacking with in 50m lead of area 3sq.meters and below	16.00	Each		
5	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground with in 50 meters lead.	41.00	sqm		
6	Demolishing R.C.C. work, including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.00	cum		
7	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground with in 50m lead: With cement mortar 1:4 (1 cement : 4 fine sand)	51.00	sqm		
8	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc complete	1129.00	sqm		
9	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	714.00	sqm		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
10	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer.	812.00	sqm		
11	Distempering with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work.	50.00	sqm		
12	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on new work.	162.00	sqm		
13	Painting with oil type wood preservative of approved brand and manufacture Old works (one or more coats)	207.00			
14	Reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, facias and eaves boards up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	1.20	cum		
15	Centering and shuttering including strutting, propping etc. and removal of form for :Suspended floors, roofs, landings, balconies and access platform.	17.00	sqm		
16	Reinforcement for RCC works including straightening, cutting, bending, placing in position and binding all complete. Thermo - Mechanically treated bars(Using Vizac,Tata,or SAIL)	120.00	kg		
17	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	3.00	cum		
18	Half Brick masonry with F.P.S bricks of class designation 75 in super structure above plinth level upto floor V level in Cement mortar 1:3 (1 cement : 3 coarse sand)	8.00	sqm		
19	Extra for providing and placing in position 2 nos 6mm dia. M.S bars at every third course of half brick masonry (with F.P.S bricks)	8.00	sqm		
20	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.	60.00	Kg		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
21	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop, all as per standard design complete.	6.00	Each		
22	Roofing with deptl. M.P. tiles 340mm size including all labour charges only	328.00	sqm		
23	Roofing with M.P. tiles 340mm size including cost and conveyance of all materials,labour charges etc complete.	141.00	sqm		
24	Setting up hip and ridge tiles in cement mortar 1:2 including cost and conveyance of all materials, labour charges etc complete	48.00	RM		
25	Setting up deptl. hip and ridge tiles in cementmortar 1:2 including all labour charges cost of lime mortar etc complete	111.00	RM		
26	Providing corrugated GS sheets roofing including vertical/urved surfacefixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia with bitumen and G.I limpet washers or with GI limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete up to any pitch in horzondal/vertical or curved surfaces) excluding the cost of purlins, rafters and trusses and including cutting to size and shape whenever required 0.63mm thick with zinc coating not less than 275gm/m ²	10.00	sqm		
27	Providing and fixing on wall face unplasticised-Rigid PVC rain water pipes conforming to IS:13592 type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion (i) Single socketed pipes – 110mm diameter OD	21.00	RM		
28	Providing and laying polished vitrified floor tiles of size 600x600mm of thickness 10mm or nearest size of M/s. JOHNSON, in light colours and shades, with water absorption's less than 0.08% and conforming to IS:15622, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with cement and matching pigments etc, complete as directed by the Engineer-in-charge.60x60 cm size	253.00	sqm		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
29	Providing and laying anti skid ceramic floor tiles of required size for toilets (7.5mm thickness or nearest size) of 1st quality conforming to IS: 15622 of approved make in all colours, shades, except white, ivory, grey, fume red brown laid on 20mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigments etc complete. 400x400 mm size	83.00	sqm		
30	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622, thickness not less than 5 mm of approved make like JOHNSON, or equivalent approved by Engineer in charge in all colours, shades Except bottle green, Black of any size as approved by engineer in charge in skirting, rises of step and dados over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.20x30 cm size	88.00	sqm		
31	Providing and fixing factory made UPVC door frame made of UPVC extruded, section having an over all dimension, as below (tolerance +/- 1mm) with wall thickness 2.0mm +/-0.2mm, corners of the door frame to be joined with galvanized brackets and stainless steel screws, joint mitred and plastic wilded. The hinge side vertical of the frames reinforced by galvanized MS tube of size 19x19mm and 1mm +/- 0.1mm wall thickness and 3nos. stainless steel hinges fixed to the frame complete as per manufacturersand direction of Engineer in Charge. Extruded section Profile size48x40mm	33.00	Rm		
32	Providing and fixing to existing door frames 24mm thich factory made PVC door shutters made of styles and rails of a UPVC hollow section of size 59x24 mm and wall thickness 2mm +/- 0.2mm with inbuilt edging on both sides. The styles and rails mitred and jointed at the corners by means of M.S. galvanized/plastic brackets of size 75 x 220 mm having wall thickness 1mm and stainless steel screws. the styles of the shutter reinforced by inserting galvanised M.S. tubes of size 20 x 20mm and 1mm +/- 0.1 mm wall thickness. the lock rail madeup of 'H' section, a UPVC hollow section of size 100 x 24mm and 2mm +/- 0.2 mm wall thickness fixed to the shutter styles by means of plastic /galvanised M.S. 'U' cleats. The shutter frame filled with a UPVC multi-chambered single pannel of size not less than620mm, having over all thickness of 20mm and1mm +/- 0.1mm wall thickness. The panalles filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer - in - Charge. (For W/C and Bathroom Shutter)	14.00	sqm		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
33	12 mm cement plaster of mix 1:4 (1 cement : 4 fine sand)(Using 43 grade OPC)	41.00	sqm		
34	6mm cement plaster to ceiling of mix 1:3 (1 cement : 3 fine sand)(Using 43 grade OPC)	59.00	sqm		
35	Finishing walls with Acrylic smooth exterior paint of required shade:- New work (Two or more coats applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.2 kg/10sqm.)	325.00	sqm		
36	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer specifications including appropriate priming coat, preparation of surface, etc. complete On steel work	60.00	sqm		
37	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:	48.00	sqm		
38	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. Twin rubber stopper	45.00	Each		
39	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 250 x 10 mm	45.00	Each		
40	Providing and fixing aluminium round shape handle of outer dia 100mm with SS screws etc. Complete as per direction of Engineer-in-charge Anodized (AC 15) aluminium	45.00	Each		
41	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	45.00	Each		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
42	Reepering with 50mm x 25mm Anjili wood reepers and wire nails 50mm long at suitable spacing for M.P tiles 340mm size including cost and conveyance of all materials , labour charges etc complete.	469.00	sqm		
43	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position : Second Class Teak Wood	0.50	cum		
44	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws excluding, panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.	61.00	sqm		
45	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10mm diameter bolts, nuts and wooden plugs and embedding in cement concreteblock 30x10 x 15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate20mm nominal size)	60.00	each		
46	Providing and fixing white vitreous china pedestral type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & CI brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required. WC pan withISI marked black solid plastic seat and lid	4.00	Each		
47	Providing and fixing wash basin with C.I./M.S. brackets, 15mm C.P. brass pillar taps, Kingston/ Gem/ Techno/ Parko, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Wash basin size 550x400mm (of make parryware or hindware)with single 15mm C.P.brass pillar tap	7.00	Each		
48	Providing and fixing 600x450mm bevelled edge mirror 5mm thick of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P.brass screws and washers complete.	7.00	Each		
49	Providing and fixing PTMT towel ring round/trapezoidal shape 215mm long,200mm wide with a minimum distance of 37mm from wall face with concealed fittings arrangement of approved quality,colour and make weighing not less than 80gms	17.00	Each		

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50	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same material with snap fittings of approved quality, colour and make, weighing not less than 105gms	17.00	Each		
51	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	20mm	25.00	Rm		
	32MM	25.00	Rm		
	40MM	25.00	Rm		
	50MM	25.00	Rm		
52	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.				
	75mm	10.00	Rm		
	110mm	10.00	Rm		
53	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.				

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	110x110x110mm with door	5.00	Each		
	75x75x75mm with door	5.00	Each		
54	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.				
	110mm Bend	5.00	Each		
	75mm Bend	5.00	Each		
55	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.				
	75x75x75mm without door	5.00	Each		
	110x110x110mm without door	5.00	Each		
56	Providing and fixing C.P brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	14.00	Each		
57	Providing and fixing C.P brass stop cock (concealed) of standard design of approved make conforming to IS 8931. conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	11.00	Each		
58	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)				

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	50mm nominal bore	1.00	Each		
	65mm	1.00	Each		
59	Providing and fixing unplasticised PVC connection pipe with brass unions: 30 cm length 15mm nominal bore	10.00	Each		
60	Providing and fixing Salem stainless steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required a) Kitchen sink without drain board 470x420mm bowl depth 178mm	5.00	Each		
61	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) RCC top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 fine sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design: Inside size 90x80cm and 45cm deep including CI cover with frame (light duty) 455x910mm internal dimensions total weight of cover and frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) With FPS bricks with class designation 75	3.00	Each		
62	Providing and fixing 110 mm PVC trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: 100mm inlet and 100mm outlet	7.00	Each		
	PART B: ELECTRICAL				
	DSR items				
	COPPER WIRING IN PVC CONDUIT.				

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
1	Point wiring in PVC conduit, with Modular type switch: Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.				
a	Group A	23	Point		
b	Group B	75	Point		
c	Group C	12	Point		
2	Twin control point wiring in PVC conduit, with modular type switch: Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.	2	Point		
3	Power plug wiring in PVC conduit (2x4 sq mm): Wiring for light/ power plug with 2X4 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	220	Metre		
4	Circuit Sub main wiring in PVC Conduit: Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
a	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	800	Metre		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
b	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	200	Metre		
c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	40	Metre		
d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	60	Metre		
d	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	40	Metre		
5	Telephone wiring in existing conduit: Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
	2 Pair	30	Metre		
6	T. V cable in existing conduit: Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	30	Metre		
STEEL/PVC CONDUIT, METAL BOXES					
7	S/F PVC conduit: Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a	20 mm	600	Metre		
b	25 mm	60	Metre		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
	SWITCHES & ACCESSARIES				
8	S/F Modular type switch/ socket: Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a	Telephone socket outlet	2	Each		
b	TV antenna socket outlet	2	Each		
c	Bell push	7	Each		
9	S/F Modular type blanking plates: Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	25	Each		
10	S/F Modular boxes, base & cover plate: Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.				
a	1 or 2 Module (75mmX75mm)	32	Each		
b	12 Module (200mmX150mm)	10	Each		
11	S/F light plug point modular type accessories: Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	20	Each		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
12	S/F Power plug point with modular type switch: Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	12	Each		
13	S/F Ceiling rose: Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	60	Each		
14	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	25	Each		
15	ITC Fluorescent fitting with down rod: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc., including supplying and fixing ball and socket arrangement, 2 no. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	4	Each		
16	S/F extra down rod: Providing and fixing extra conduit down rod of 20 mm dia, 2 X 10 cm length wiring with 2 X 1.5 sq. mm FR PVC insulated, copper conductor, single core cable including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	20	Each		
17	ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	23	Each		
18	Extra down rod 15 mm dia 10 CM Length: Supplying and fixing extra down rod of 10 cm length G.I. pipe ,15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	10	Each		
19	ITC Exhaust fan: Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				

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	Upto 450 mm sweep	6	Each		
MCB DISTRIBUTION BOARDS					
20	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a	2 + 8 way, Single door	2	Each		
b	2 + 12 way, Single door	3	Each		
21	S/F TP MCB DB: Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	4 way (4 + 12), Double door	2	Each		
MCB's					
22	S/F 'C' series, MCB: Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	Single pole	56	Each		
b	Triple pole	1	Each		

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23	S/F S P MCB blanking plate: Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10	Each		
24	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps	5	Each		
25	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps	5	Each		
26	S/F FP MCB Isolator: Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps	2	Each		
27	S/F TPN RCCB: Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
b	40 amps	2	Each		

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
28	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	2	Each		
3.0 EARTHING					
29	G.I. Earth pipe Electrode with Salt & Charcoal: Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	6	Set		
30	Supplying and laying 6 SWG G.I. wire in ground: Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	80	Metre		
Non DSR items					
1	Supply of Surface mounting, box type Fluroscnt Tube Light Luminaire fittings pre wired wth electronic choke, starter etc, white powder coated CRCA sheet steel housing with reflector cover, of model No DJB 1214 LDB, 1x36 W FTL of Crompton or any other equivalent make such as GE, Philiphs, Wipro, with 1x36 watts FTL.	36	Each		
2	Supply of Fluroscnt tube fitting sleek & decorative strip type fixture with domestic electronic ballast and coloured engineering plastic end plates, suitable for T5 FTL 1x28W and all other accessories, with T5 Fluroscnt tube 1x28 watts(Govt: approved brand like Philips, wipro, crompton or GE)	4	Each		
3	Supply of ceiling fan 1200 mm sweep, double ball bearing, approved colour and quality with original down rod,suspension shackle,canopy etc with out regulator (Govt: approved brands like Crompton, Wipro, Philiphs)	23	Each		
4	Supply of exhaust fan 300 mm sweep, Metal blades of approved colour and quality (Govt: approved brands like Crompton, Bajaj,Almonard)	6	Each		
5	Supply and fixing CFL bulb 15 Watts: Supply and fixing Compact Fluroscnt Lamp(CFL) Bulb 15 watts of approved quality& Make such as Bajaj/ Wipro/ crompton/ GE	12	Each		

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6	Supply and fixing CFL bulb 20 Watts: Supply and fixing Compact Fluorescent Lamp(CFL) Bulb 20 watts of approved quality & Make such as Bajaj/ Wipro/ crompton/ GE	20	Each		
7	Supplying and fixing Decorative compact street light luminaire with single CFL 1x18 watts, complete with M.S Housing and clear acylic cover, of model No:SCE 1218 Paragon of Crompton make or any other equivalent make such as G.E, Bajaj, Wipro, Havels etc approved by Govt.;wiring with 2x1.5 sq mm PVC insulated copper wire with suitable earthing using 1x1.5 sq mm copper wire, lamp bracket fabricated out of suitable Size G.I pipe first quality, to suit the lamp fitting complete with CFL 1x18 watts of approved make, testing and commissioning etc as required.	2	Each		
8	Supplying and fixing Bulk Head luminaire CFL 1x10 W, complete with glass cover and M.S galvanised wire guard, of model No ICBH 10 of crompton make or any other equivalent make such as G.E, Bajaj, Havels etc approved by Govt.;wiring with 2x1.5 sq mm PVC insulated copper wire with suitable earthing using 1x1.5 sq mm copper wire, complete with 1x10 W CFL of approved make, testing and commissioning etc as required.	6	Each		
9	S/F PVC holder: Supplying and fixing PVC batten / angle holder including connection etc as required.	22	Each		
10	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	25 amps	5	Each		
11	S/F DP RCCB: Supplying and fixing following rating, four pole, (double pole),240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 30 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	25 amps	5	Each		
	KSEB Meter Board				

SL. No	Description	Quantity	Unit	Rate (Rs.) (in fig. & in words)	Amount (Rs.)
12	S/F Metering Pannel with 63 A SFU: Supplying, installation, testing and commissioning of surface, PVC Heavy guage sheet suitable to with stand mechanical stress Metering Panel,with provision for fitting KSEB Energy meter, 3 Nos. 63 amps re-wirable type porcelain fuse units, 1 No Neutral Link, 1 No 63 A TPN SFU Rewirable type and earth bus , wiring with 1x6 sq mm FR PVC Copper wire Single core cable etc as required of syntax make or equivilaent.	2	Each		
13	S/F Metering Pannel with 32 A SFU: Supplying, installation, testing and commissioning of surface, PVC Heavy guage sheet suitable to with stand mechanical stress Metring Pannel made, with provision for fitting KSEB Energy meter, 2 Nos. 32 amps re-wirable type porcelain fuse units, 1 No Neutral Link, 1 No 32 A DP SFU Rewirable type and earth bus,wiring with 1x6 sq mm FR PVC Copper wire Single core wire etc as required of syntax make or equivilent.	5	Each		
	Total amount				