

NAME OF WORK : SPECIAL REPAIRS(CIVIL & ELECTRICAL WORKS) TO SUNSHADES AND MODIFICATION OF EXISTING BUILDING TO ACCOMMODATE MEDICAL GODOWN, LAB and TOILET IN ESI HOSPITAL AT VELLORE

FINANCIAL BID

S.No	DSR	Description of Item	Unit	Qty	Rate	Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	Cum	83.00		
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	50.00		
3	2.27	Supplying and filling in plinth with sand under floors including, watering, ramming, consolidating and dressing complete	Cum	22.00		
4	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	Cum	18.00		
5	4.5.1	Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc., including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering complete. 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20mm nominal size).	Cum	27.50		
6	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	216.00		
7	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kgs	3300.00		

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8	6.1.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	5.00		
9	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 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)	Cum	48.00		
10	6.13.1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floorV level.Cement mortar 1:3 (1 cement :3 coarse sand)	Sqm	14.00		
11	9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineerin-Charge.	Rm	20.00		

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12	9.120.1	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm	Sqm	6.50		
13	9.48.2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.	Kgs	4950.00		
14	9.53	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	Each	200.00		
15	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	41.85		

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16	11.40	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement. Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete	Sqm	9.00		
17	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	Sqm	90.00		
18	12.1.1	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces),excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 mm thick with zinc coating not less than 275 gm/m ²	Sqm	505.00		

S.No	DSR	Description of Item	Unit	Qty	Rate	Amount
19	12.45.4	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dashfastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to	Sqm	52.00		
20	13.7.2	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	Sqm	309.80		
21	13.6.1	20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	Sqm	185.00		
22	13.41.1	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	210.00		
23	13.45	Finishing walls with textured exterior paint of required shade :New work (Two or more coats applied @ 3.28 ltr/10 sqm)over and including priming coat of exterior primer applied@ 2.20kg/10 sqm	Sqm	210.00		
24	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	Sqm	245.00		

S.No	DSR	Description of Item	Unit	Qty	Rate	Amount
25	14.1.1	Repairs to plaster of thickness 12 mm to 20 mm 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, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	Sqm	138.00		
26	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineerin- charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	Sqm	1830.00		
27	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	31.00		
28	15.7.4	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. In cement mortar	Cum	1.00		
29	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	1.00		

S.No	DSR	Description of Item	Unit	Qty	Rate	Amount
30	17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	Each	1.00		
31	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	2.00		
32	17.7.1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	1.00		
33	18.8.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.20 mm nominal outer dia Pipes	metre	25.00		
34	18.8.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc..25 mm nominal outer dia Pipes	metre	25.00		

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35	18.9.5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge 40 mm nominal outer dia Pipes	Mtr	15.00		
36	18.9.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. S External work 100 mm nominal inner dia Pipes	Mtr	3.00		
37	19.1.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 100 mm diameter	Mtr	6.00		
38	19.7.3.1	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse 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 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	1.00		

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39	19.4.2.1	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:150 x 100 mm size P type With common burnt clay F.P.S. (non modular)bricks of class designation 7.5	Each	2.00		
40	21.1.1.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kgs	42.00		
41	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc with PVC/ neoprene gasket etc complete as per the architectural drawing and the directions of engineer in charge (Cost of aluminium snap beading shall be paid in basic item) - with Float glass panes of thickness 5.5mm	Sqm	11.00		
42	21.8.1	Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer bod of approved quality as per architectural drawing and direction of Engineer in charge complete. - Upto 5mm depth and 5mm width	Rm	27.00		
43	7257	C.P. Brass bibcock 15 mm	Each	4.00		
44	7259	C.P. Brass long body bibcock 15 mm	Each	1.00		
45	7260	C.P. Brass stop cock (concealed) 15 mm	Each	1.00		
46	7261	C.P. Brass angle valve 15 mm	Each	4.00		

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47	1366	C.I. grating 150x150 mm	Nos	3.00		
48	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. (fittings of Jaguar Standard continental type)- Health Facit. ALD -CHR-563	Each	1.00		
49	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. (fittings of Jaguar Standard continental type)- Shower rose with shower armOHS-CHR-1989 , SHA -CHR-477	Each	1.00		
50	MR	Providing and fixing CP-Towel Ring 215x200x37 mm	Each	1.00		
51	MR	Providing and fixing CP-Towel Rail (600 mm long)	Each	1.00		
52	MR	Providing and fixing CP-Soap Dish/Holder 138x102x75 mm	Each	1.00		
53	MR	MICRO CONCRETING - SURFACE PREPARATION - Chip off the corrosion damaged areas on the beam/column/sunshade or any other structural members. Clean reinforcement and make that there is no traces of rust on the surface existing rebars. Check for the depth of carbonation using the phenopthaline indicator and make sure that the contaminated concrete is removed completly. Make sure that the chipping is ddoen till the rear side of the rebar so that the corrosion patches and also the application of the anti corrosive coating can be done properly.	Sqm	119.00		
54	MR	MICRO CONCRETING- SHEAR CONNECTORS : Drilling 12mm dia holes up to a depth of 75mm maximum and fixing 8mm dia L shaped anchor rods as shear connectors at every 300mm c/c on the surfaces of the columns/beams or any other structural member as the case may be. Clean the same using water and make sure that there are no fine particles present in the hole. Mix the base and hardener of the polyester resin with the spatula thoroughly. Fill the drilled and cleaned holes to a minimum depth of 1/3rd of the hole with the prepared polyester resin. Make sure that the resin has reached till the end of the hole. At this stage push the shear connector gently in to the hole and finish the excess resin which comes out of the hole and allow the shear connectors not to be disturbed for minimum 20 minutes - complete.	Each	93.00		

S.No	DSR	Description of Item	Unit	Qty	Rate	Amount
55	MR	MICRO CONCRETING - ADDITIONAL REINFORCEMENT : Check the diameter of the existing rebars and if the diameter is less than 50% of the original diameter, provide additional reinforcement. Cut 12mm dia bars as main reinforcement to the required length with proper development length. Tie them to the prefixed shear connectors so that the additional rebar acts monolithically with the existing ones and core concrete. In the case of the shear reinforcement also, if the diameter of the rebars are reduced, provide 8mm dia stirrups in the form of 2 "U" shaped bars. Tie them properly so that it has a tight contact with the main bars.	Kgs	206.00		
56	MR	MICRO CONCRETING- ANTICORROSIVE COATING :- Clean the rebars using the rust remover if there exists any rust, otherwise clean the rebar free of foreign material. Mix the base and hardener of the zinc rich epoxy resin mechanically using a slow speed heavy duty drilling machine fitted with mixing paddle. Apply the mixed materials to the cleaned rebar and allow it to dry complete.	Sqm	119.00		
57	MR	MICRO CONCRETING- APPLICATION OF EPOXY JOINTING COMPOUND : Mix the base and hardener of the epoxy jointing compound using a slow speed heavy duty drilling machine fitted with mixing paddle and apply the same to the prepared lintel beam/beam surface. Make sure that the concreting is done within 3 hours and the application should be done in such a way that the allowance for concreting be kept in mind.	Sqm	119.00		
58	MR	MICRO CONCRETING- FORM WORK : Supply of slurry tight form work which should not deform and leak due to pressure of micro concrete. Provision should be made for a suitable feed hopper for pouring concrete. The form work should be coated with the mould release agent prior to final fixing in position. Proper supporting arrangements to be made for keeping the shutter in correct line and length - complete.	Sqm	18.50		

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59	MR	MICRO CONCRETING :-Stock sufficient quantity of micro concrete (RENDROCRG of fasroc or equal make) and 12mm down graded chips on site to enable the completion of the pouring in a continuous operation. An approved concrete mixer or a slow speed heavy duty drilling machine fitted with mixing paddle shall be used. Mix the micro concrete and the 12mm down grade chips in the ratio of 1: 0.5 by weight with required quantity of water and place the same to the prefixed formwork well before the epoxy jointing compound dries up. Remove the formwork after 24 hours in the case of columns and after a period of 72 hours in the case of slab and beam and check for any surface defects and if so apply te polymer modified mortar - complete.-	Sqm	18.50		
60	MR	INJECTING LOW VISCOUS EPOXY RESIN in Toilet sunken portion , mark 300mm c/c. Drill 13mm dia holes along the marked points and provide a non return ports Mix the base and hardener of the low viscous epoxy resin like Conbextra EP 10 or equivalent and inject the same using an electrically operated grouting machine until refuses the grout. Cut the port and finish the nipple same to the required level. including cost of grouting nozzles.	Sqm	62.00		
61	1.8.3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.Group C	Point	36.00		
62	1.14.2	Wiring for circuit /sub main wiring alongwithearth wire with following sizes of PVC insulated copper conductor,single core cable in surface/recessed PVC conduit as required-2x2.5 sqmm + 1x2.5 sqmm earth wire	Mtr	110.00		

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63	1.14.8	Wiring for circuit /sub main wiring alongwith earth wire with following sizes of PVC insulated copper conductor, single core cable in surface/recessed PVC conduit as required- 4x2.5 sqmm + 2 x 2.5 sq. mm earth wire	Mtr	110.00		
64	1.14.9	Wiring for circuit /sub main wiring alongwith earth wire with following sizes of PVC insulated copper conductor, single core cable in surface/recessed PVC conduit as required- 4x4 sqmm + 2 x 4 sq. mm earth wire	Mtr	70.00		
65	1.24.1	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connection but excluding modular plate etc. as required- 5/6 amps switch	Nos	28.00		
66	1.24.3	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connection but excluding modular plate etc. as required- 15/16 amps switch	Nos	7.00		
67	1.24.4	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connection but excluding modular plate etc. as required- 3 pin 5/6 amp socket outlet	Nos	11.00		
68	1.24.5	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connection but excluding modular plate etc. as required- 6 Pin 15/16 amps socket outlet	Nos	7.00		
69	1.25	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required	Nos	6.00		
70	1.26	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	Nos	9.00		
71	1.27.1	Supplying and fixing modular size/modules, GI box alongwith modular base cover plate for modular switches in recess etc. as required- 1 or 2 module (75mmx75mm)	Nos	3.00		
72	1.27.3	Supplying and fixing modular size/modules, GI box alongwith modular base cover plate for modular switches in recess etc. as required- 4 module (125mmx75mm)	Nos	4.00		

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73	1.27.4	Supplying and fixing modular size/modules, GI box alongwith modular base cover plate for modular switches in recess etc. as required- 6 module (200mmx75mm)	Nos	4.00		
74	5.2	Earthing with GI earth pipe 4.5 mtr long, 40mm dia including accessories and providing masonry enclosure with cover plate having locking arrangements and water pipe arrangements etc. with charcoal and salt as required	Set	2.00		
75	5.6	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required	Set	2.00		
76	5.7	Supplying and laying 8 SWG copper wire at 0.50 mtr below ground level / on wall conductor earth electrode including connection/ termination as required	Mtr	10.00		
77	9.1.25	Supplying and making end termination with brass compression gland and aluminium lugs for following sizes of PVC insulated and PVC sheathed /XLPE aluminium conductor cable of 1.1 KV grade as required-3½ X 120 sq. mm	Each	2.00		
78	7.1.3	Laying one no PVC insulated and pvc sheathed / XLPE power cable of 1.1KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling etc- Above 95 sq. mm and upto 185 sq. mm	Mtr	50.00		
79	6b	Box type single fluorescent fitting with copper choke and condenser complete with ISI mark - 4ft 40watts box type with ballast(philip/ wipro/ crampton)	Each	10.00		
80	Part B - 1 c	Fans confirming to ISS 374/1979- Stepped electronic 300W/450W square type fan regulator Anchor/Deluxe	Each	4.00		
81	1 e	Fans confirming to ISS 374/1979- AC ceiling fan complete 1200mm (48") sweep with 300mm Down rod (without regulator)	Each	4.00		
82	5c	Fuse unit (Anchor or Equ)- -63 amps porcelain fuse unit (500V)	Each	6.00		
83	Part E 1(j)	Service connection accessories L.T. 1100V PVC aluminium around U G cable with ISI mark.- 3.5 core 120 sqmm PVC armoured UG cable	Mtr	50.00		

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84	4k	Cable Glands suitable for 3.5 core 120 Sqmm UG cable	Each	8.00		
85	5b	FUSE WIRE (Copper)- 10 Amps fuse wire	Kgs	0.40		
86	6a	NEUTRAL LINK 15 Amps- 4 way neutral link	Each	2.00		
87	Part I 1(b)	P.V.C.(rigid) pipes (1.8 mm thick) with ISI- P.V.C. rigid pipes 20mm	Mtr	100.00		
88	2b	P.V.C. rigid bends 20mm	Each	25.00		
89	6b	P.V.C Junction boxes - junction boxes 1,2,3 and 4way 19mm	Dozen	10.00		
90	6a	Miniature circuit breakers 240V/ 415 V 50Hz AC supply suitable for both lighting and motor circuits -Single pole 6 to 32 amps 10 KA Legrand	Each	16.00		
91	6f	Miniature circuit breakers 240V/ 415 V 50Hz AC supply suitable for both lighting and motor circuits- Double pole 40 amps 10 KA Legrand	Each	4.00		
92	6l	Miniature circuit breakers 240V/ 415 V 50Hz AC supply suitable for both lighting and motor circuits- four pole 63 amps 10 KA Legrand	Each	2.00		
93	10 C-c	ISOLATORS- 63 Amps FP	Each	2.00		
94	10 D-c	ISOLATORS- 100 Amps FP	Each	4.00		
95	MR	14 watt CFL lamp	Nos	6.00		
96	MR	Service Connection Board	Nos	2.00		
97	MR	Exhaust Fan	Nos	2.00		

TOTAL