

Name of work: Annual Repair and Maintenance(Civil & Electrical) works of ESIC Staff Quarters, Hostels at K.K. Nagar, Chennai 78 and Dispensaries of Egmore, Anna Road and its Quarters; Rural Health Training Center @ Avadi and, Urban Health Training Center @ Choolai for the year of April 1st 2019 to March 31st 2020.

FINANCIAL BID

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
1	2.8	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.	Cu.M	50.00	166.4	8320.00
	2.8.1	All kinds of soil.				
2	2.1	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :	Mtr	135.00	225.45	30435.75
	2.10.1.2	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia				
3	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.	Cu.M	9.00	125.75	1131.75
4	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cu.M	21.00	917.75	19272.75
5	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sq.M	5062.00	7.2	36446.40
6	2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material	Each	8.00	972.7	7781.60
	2.33.2	Beyond 60 cm girth upto and including 120 cm girth				
7	2.35.5	Treatment at points of contact of wood work by chemicaemulsion Chlorpyriphos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	Mtr	35.00	191.4	6699.00
8	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	Cu.M	1.00	5481.95	5481.95
	4.1.3	"1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).				

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9	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	Cu.M	11.00	4478.15	49259.65
	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)				
10	4.2	Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters, columns, piers,butments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :	Cu.M	2.00	6990.4	13980.80
	4.2.2	1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).				
11	4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sq.M	16.00	450.35	7205.60
12	5.9	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sq.M	47.00	422.3	19848.10
13	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kgs	150.00	56.6	8490.00
14	6.1.1	Brick work with F.P.S bricks of class designation 75 in foundation and plinth in: Cement mortar 1:4(1 cement : 4 coarse sand)	Cu.M	7.00	4970.3	34792.10
15	6.4	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 :	Cu.M	5.00	5582.85	27914.25
	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)				
16	6.13	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 floor V level.	Sq.M	55.00	708.7	38978.50
	6.13.1	Cement mortar 1:3 (1 cement :3 coarse sand)				
17	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).	Cu.M	1.00	92743.1	92743.05
	9.1.1	Second class teak wood				

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
18	9.5	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.				
	9.5.1	Second class teak wood				
	9.5.1.1	35 mm thick shutters	Sq.M	6.00	2548.15	15288.90
19	9.2	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
	9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sq.M	26.00	2372.8	61692.80
20	9.46	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete :				
	9.46.2	20 mm dia	RM	28.00	359.3	10060.40
21	9.48	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.				
	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	700.00	112.45	78715.00
22	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	78.00	118.6	9250.80
23	9.95	Providing and fixing ISI marked aluminium butt hinges 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:	No's	4.00	118.2	472.80
	9.95.1	125x75x4 mm				
24	9.95.	Providing and fixing ISI marked aluminium butt hinges 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:				
	9.95.4	100x63x4 mm	Each	45.00	79.45	3575.25
25	9.96	Providing and fixing aluminium sliding door 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 nuts and screws etc. complete :				
	9.96.2	250x16 mm	Each	22.00	189.2	4162.40

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
26	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
	9.97.2	250x10 mm	Each	42.00	88.1	3700.20
27	9.97	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 :				
	9.97.5	100x10 mm	Each	62.00	49.2	3050.40
28	9.1	Providing and fixing aluminium handles, 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 :				
	9.100.1	125 mm	Each	57.00	51.1	2912.70
29	9.1	Providing and fixing aluminium handles, 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 :				
	9.100.3	75 mm	Each	15.00	38.95	584.25
30	9.101	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.				
	9.101.2	Twin rubber stopper	Each	60.00	38	2280.00
31	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 Engineer in-Charge.	RM	48.00	438.75	21060.00

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
32	9.12	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 (5 mm 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 thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per				
	9.120.1	30 mm thick plain PVC door shutters	Sq.M	15.00	2768.1	41521.50
33	9.128	Providing and fixing factory made Fiberglass Reinforced plastics (F.R.P.) chajja 4 mm thick of required colour, size and design made by Resin Transfer Moulding (RTM) Machine Technology, resulting in void free compact laminate in single piece, having smooth gradual slope curvature for easy drainage of water and duly reinforced by 2 nos vertically and 1nos horizontally 50x2 mm thick M.S. flat with 12 mm in built hole for grouting on the existing wall along with the 50 mm flanges duly inserted and sealed in the wall complete in one single piece casted monolithically, including all necessary fittings . The FRP Chajja should be manufactured using unsaturated Polyester resin as per IS: 6746, duly reinforced with fibre glass chopped strand mat (CSM) as per IS: 11551 complete with protective Gel coat U/V coating on Top for complete resistance from the extreme of temperature, weather & sunlight	Sq.M	3.00	4113.35	12340.05
34	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	Sq.M	56.00	362.6	20305.60

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
35	11.27	Kota stone slabs 25 mm thick in risers of steps, skirting, dado and pillars laid on 12mm (average) thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sq.M	19.00	1238.2	23525.80
36	11.31	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	Mtr	62.00	84.85	5260.70
37	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	Sq.M	119.00	744.8	88631.20
38	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pigmentetc., complete	Sq.M	33.00	688.35	22715.55
39	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.	Sq.M	24.00	901.05	21625.20
40	12.20	Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound, laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.	Sq.M	60.00	438.45	26307.00
41	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with sea lring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.	RM	92.00	236.35	21744.20
	12.41.2	110 mm dia				

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
42	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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.				
	12.42.1	Coupler				
	12.42.1.2	110 mm	Each	20.00	102.65	2053.00
43	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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.				
	12.42.3	Single tee with door				
	12.42.3.2	110x110x110 mm	Each	15.00	181.55	2723.25
44	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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.				
	12.42.5	Bend 87.5°				
	12.42.5.2	110 mm bend	Each	26.00	113.1	2940.60
45	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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.				
	12.42.6	Shoe (Plain)				
	12.42.6.2	110 mm Shoe	Each	10.00	98	980.00
46	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
	12.43.2	110 mm	Each	90.00	181.4	16326.00
47	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 dash fastener 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 channelwith 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 wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush	Sq.M	8.00	1135.5	9084.00

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48	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tappingscrews of size (5.5x 55 mm) with EPDM seal, complete upto anypitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sq.M	12.00	550.4	6604.80
49	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.1	1:4 (1 cement: 4 fine sand)	Sq.M	369.00	200.25	73892.25
50	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sq.M	40.00	118.7	4748.00
51	14.45	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
	14.45.1	Old work (one or more coats)	Sq.M	4161.00	33.35	138769.35
52	14.66	Finishing walls with Acrylic Smooth exterior paint of required shade:				
	14.66.1	Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	Sq.M	1483.00	68.95	102252.85
53	13.6	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :				
	13.60.1	Two or more coats on new work	Sq.M	1495.00	84.45	126252.75
54	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sq.M	1496.00	112.3	168000.80
55	14.1	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.				
	14.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	Sq.M	74.00	264.8	19595.20
56	14.6	Renewing glass panes, with wooden fillets wherever necessary:				
	14.6.1	Float glass panes of thickness 4 mm	Sq.M	15.00	852.6	12789.00
57	14.23	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	kilo litre	1600.00	104.3	166880.00

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58	14.46	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sq.M	7000.00	10.8	75600.00
59	14.54	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	14.54.1	One or more coats on old work	Sq.M	328.00	51.3	16826.40
60	14.75A	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank, including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba, all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	Litre	120000.00	0.2	24000.00
61	14.78	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:-(i) Tank shall be emptied of water by pumping & bottom shall be cleaned of slit and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	Sq. M	9600.00	40.7	390720.00
62	15.1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineerin- charge	Cu.M	4.00	348.3	1393.20

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63	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.	Cu.M	2.00	1454.55	2909.10
64	15.7	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.	Cu.M	1.00	842.75	842.75
65	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	15.12.1	Of area 3 sq. metres and below	Each	30.00	157.85	4735.50
66	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	15.23.2	For thickness of tiles above 25 mm and up to 40 mm	Sq.M	84.00	49.2	4132.80
67	15.52	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Each	10.00	391.2	3912.00
68	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sq.M	51.00	22.4	1142.40
69	16.18	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used.				
	16.18.1	With G.I. barbed wire	Mtr	1000.00	12.65	12650.00
70	16.19	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	kg	100.00	62.05	6205.00
71	17.1	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:				
	17.1.1	White Vitreous china Orissa pattern W.C. pan of size580x440 mm with integral type foot rests	Each	9.00	3494.2	31447.80

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72	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 with manually controlled device (handle lever), conforming to IS : 7231 - W.C. pan with ISI marked white soild plastic seat and lid.	Each	6.00	3418.7	20512.20
73	17.7	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:				
	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	8.00	2298.55	18388.40
74	17.9	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required				
	17.9.1	White glazed fire clay kitchen sink of size 600x450x 250 mm	Each	3.00	2433.25	7299.75
75	17.10	Providing and fixing Stainless Steel A Isi 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
	17.10.1.	Kitchen sink with drain board				
	17.10.1.1	510x1040 mm bowl depth 250 mm	Each	5.00	4120.8	20604.00
76	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.2	Flexible pipe				
	17.28.2.1	32 mm dia	Each	15.00	73.25	1098.75
77	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	4.00	817.95	3271.80
78	18.7	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.				
	18.7.2	20 mm nominal outer dia Pipes	RM	200.00	179.95	35990.00
79	18.7	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.				

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
	18.7.3	25 mm nominal outer dia Pipes	RM	100.00	216.2	21620.00
80	18.7	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.				
	18.7.4	32 mm nominal outer dia Pipes	RM	5.00	289.05	1445.25
81	18.7	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.				
	18.7.5	40 mm nominal outer dia Pipes	RM	30.00	385.5	11565.00
82	18.7	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.				
	18.7.6	50 mm nominal outer dia Pipes	RM	10.00	548.55	5485.50
83	18.9	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.				
	18.9.2	20 mm nominal outer dia Pipes	Mtr	5.00	149.3	746.50
84	18.9	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.				
	18.9.3	25 mm nominal outer dia Pipes	Mtr	5.00	191.65	958.25
85	18.11	Concealed pipe including painting with anticorrosive bitumastic paint cutting chases and making good the wall - 15mm dia Nominal bore				
	18.11.1	15 mm dia nominal bore	Mtr	5.00	285.7	1428.50
86	18.11	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :				
	18.11.2	20 mm dia nominal bore	Mtr	5.00	316.2	1581.00

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
87	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
	18.12.5	40 mm dia nominal bore	Mtr	5.00	301.05	1505.25
88	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
	18.12.6	50 mm dia nominal bore	Mtr	5.00	342.7	1713.50
89	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	18.17.1	25 mm nominal bore	Each	10.00	428.2	4282.00
90	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	18.17.3	40 mm nominal bore	Each	5.00	584.7	2923.50
91	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	18.17.4	50 mm nominal bore	Each	5.00	749.9	3749.50
92	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	18.18.2	20 mm nominal bore	Each	10.00	327.05	3270.50
93	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	18.18.3	25 mm nominal bore	Each	5.00	331.95	1659.75
94	18.4	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :				
	18.40.5	40 mm diameter pipe	Mtr	2.00	12.35	24.70
95	18.46	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (Newwork) :				
	18.46.6	50 mm nominal bore	Each	5.00	384.9	1924.50
96	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Litre	15000.00	7.25	108750.00
97	19.4.	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:				
	19.4.1	100x100 mm size P type				
	19.4.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	2.00	1602.4	3204.80
98	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality				
	19.19.1	L D- 2.5				
	19.19.1.1	Rectangular shape 600x450 mm internal dimensions	Each	3.00	1073.05	3219.15

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
99	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg /Sq.M mixed with water proofin				
100	7257	C.P. Brass bibcock 15mm dia	Each	50.00	300	15000.00
101	7259	C.P. Brass Long body bibcock 15mm dia	Each	5.00	400	2000.00
102	7260	C.P. Brass stop cock (Concealed) 15mm dia	Each	5.00	450	2250.00
103	7261	C.P. Brass angle valve 15mm dia	Each	15.00	390	5850.00
104	1366	CI Grating 150x150mm	No's	10.00	25	250.00
105	1546	GI Pipe 20mm	Mtr	5.00	99	495.00
106	1547	GI Pipe 25mm	Mtr	5.00	110	550.00
107	1608	GI Tee 25mm	No's	5.00	40	200.00
108	1688	PVC Connection pipe 20mm dia	No's	25.00	35	875.00
109	10025	Providing of Areca Palm plant, having ht. 1.20 m to 1.50 m with 5 to 6 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot / Plastic pot.	Each	50.00	150	7500.00
110	CMW	Supervisor	Each/ month	12.00	29708	356496.00
111	CMW	Plumber	Each/ month	12.00	27509	330108.00
112	CMW	Helper	Each/ month	24.00	22924	550176.00
113	CMW	Carpenter	Each/ month	12.00	27509	330108.00
114	CMW	Sewerman	Each/ month	12.00	25196	302352.00
115	CMW	Mali (Semi Skilled) For Garden watering, maintenance and cleaning of dry fallen leaves , debries, other peats and on the drain entries in the terrace sunshades, canopies in Hospital and Staff qtrs and dispose the same to the Garbage yard.	Each/ month	12.00	25196	302352.00
116	SSR 213 (1) e	PVC Items Finolex or Equivalent 40 mm dia 10 kg per cm2	RM	50.00	82.2	4110.00
117	SSR 213 (1) h	PVC Items Finolex or Equivalent 75 mm dia 6 kg per cm2	RM	20.00	158.4	3168.00
118	SSR 213 (1) j	PVC Items Finolex or Equivalent 110 mm dia 6 kg per cm2	RM	70.00	247	17290.00
119	MR	Repairing the old damaged flush doors by replacing the damaged portions of shutters and fixing sunmica on one side as per specifications including cost of labour charges for removal and refixing of the same for easy operation and also including the cost of necessary fittings if require	Sq. M	6.00	2353	14118.00
120	MR	Cleaning of septic tanks, manholes, chocked sewer line by vehicle mounting hydraulic operated high pressure suction Cu.M jetting sewer cleaning machine fitted with pump and 12000 litres tank capacity including skilled operator, supervising engineer etc., for cleaning and partial desilting of manholes and dechocking of sewer lines for all depth and disposal of same to the nearby Govt. operated Sewage Treatment Plant.	Load	96.00	1330	127680.00

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
121	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. Bib cock (long body) - JAQUAR-CON-CHR-107KN	Each	5.00	1006	5030.00
122	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. - Bib cock (short body) -JAQUAR-CON-CHR-037KN	Each	5.00	741	3705.00
123	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. Pillar cock-JAQUAR-CON-CHR-011KN	Each	5.00	774	3870.00
124	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. Angle cock / stop cock--JAQUAR-CON-CHR-053KN	Each	5.00	642	3210.00
125	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. Short body two way taps-JAQUAR-CON-CHR-041KN	Each	5.00	1271	6355.00
126	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. Health Faucet-JAQUAR-ALD-CHR-563	Each	5.00	854	4270.00
127	MR	Supply of following material including taking delivery of material from the shop and conveying to the site. Shower rose with shower arm-JAQUAR-SHA-CHR-479L300	Each	10.00	741	7410.00
128	MR	Supply of CP-Towel Ring -JAQUAR-CAN-CHR-1121BN	Each	10.00	1139	11390.00
129	MR	Supply of CP-Towel Rail -JAQUAR-CAN-CHR-1111BNM	Each	10.00	1337	13370.00
130	MR	Supply of CP-Soap Dish/Holder-JAQUAR-CAN-CHR-1131N	Each	10.00	741	7410.00
131	MR	Supply of CP-PRESS COCK-JAQUAR-PRS-CHR-031	Each	10.00	2397	23970.00
132	MR	Disposal of domestic garpages collected both from Hospital and staff quarters , conveying the same to the corporation approved dumping yard at about 25KM Lead	Month	12.00	32789	393468.00
133	MR	Providing and fixing of fly proof wire gauze mesh to windows using Saint- Gobain wire gauze with velcro type complete as per the directions of Engineer-in-Charge	Sq.M	300.00	446	133800.00
134	MR	Supplying and Providing PVC Lids for water storage tanks	No's	5.00	105	525.00
135	1.8.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS(Flame Retardant Low Smoke) 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 PVCinsulated copper conductor single core cable etc. as required.Group A	Point	70	694	48580

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
136	1.8.2	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS(Flame Retardant Low Smoke) 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 PVCinsulated copper conductor single core cable etc. as required.Group B	Point	20	759	15180
137	1.9	Wiring for twin control ight point with 1.5 sqmm FRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit 2 way piano type switch, phenolic laminated sheet suitable size MS box and earthing the point with 1.5 Sqmm FRPVC insulated copper conductor single core cable etc. as required	Point	7	975	6825
138	1.10.2	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 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.- Group B	Point	100	783	78300
139	1.11	Wiring for twin control light point with 1.5 sq.mm FRLS 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 singlecore cable etc as required.	Point	20	1057	21140
140	1.12	Wiring for light power plug with 2x4 sqmm FRPVC insulated copper conductor single core cable in surface/recessed PVC conduit alongwith 1 No 4 sqmm FRPVC insulated copper conductor single core cable for loop earthing asrequired	Mtr	150	200	30000
141	1.13	Wiring for light /power plug with 4x4 sqmm FRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit alongwith 2 No 4 sqmm FRPVC insulated copper conductor single core cable forloop earthing as required	Mtr	70	308	21560
142	1.14.1	Wiring for circuit /sub main wiring along with earth wire with following sizes of PVC insulated copper conductor,single core cable in surface/recessed PVC conduit as required - 2x1.5 sqmm + 1x1.5 sqmm earth wire	Mtr	870	146	127020
143	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	700	167	116900

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
144	1.14.7	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	75	233	17475
145	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- 4x4 sqmm + 2 x 4 sq. mm earth wire	Mtr	400	308	123200
146	1431	S.P. 5/6 A, one way switch, piano type ISI marked	Nos	210	10	2100
147	1432	S.P. 5/6 A, two way switch, piano type ISI marked	Nos	23	16.8	386.4
148	1433	S.P. 15/16 A, one way switch, piano type ISI marked	Nos	60	46.8	2808
149	1434	3 pin 5/6 A socket outlet, piano type ISI marked	Nos	120	19.2	2304
150	1435	6 pin 15/16 & 5/6 A socket outlet, piano type ISI marked	Nos	45	60	2700
151	1402	S.P. 5/6 A, one way modular switch, ISI marked	Nos	160	28	4480
152	1404	S.P. 15/16 A, one way modular switch, ISI marked	Nos	50	63	3150
153	1405	3 pin 5/6 A modular socket outlet, ISI marked	Nos	80	59.5	4760
154	1406	6 pin 15/16 A modular socket outlet, ISI marked	Nos	50	95.5	4775
155	1408	Stepped type Modular Fan regulator (2 module)	Nos	75	209.5	15712.5
156	1411	Modular blanking plate	Nos	35	12	420
157	1421	Modular base & cover plate for 2 module	Nos	27	37.5	1012.5
158	1423	Modular base & cover plate for 4 module	Nos	20	55.5	1110
159	1424	Modular base & cover plate for 6 module	Nos	15	77.5	1162.5
160	1425	Modular base & cover plate for 8 module	Nos	15	99.5	1492.5
161	1426	Modular base & cover plate for 12 module	Nos	9	123	1107
162	1444	Call bell/ buzzer, single phase	Nos	47	44	2068
163	2.18	Supply and fixing 20 Amps 240V SPN industrial type socket outlet. With 2 pole and earth metal enclosed plug top alongwith 20 Amps 'C' series SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc.	Nos	7	1232	8624
164	2.21	Providing and fixing M.V. danger notice plate of 200mm x 150mm made of mild steel atleast 2mm thick and vitreous enamelled white on both sides and with inscription in singlered colour on front side as required	Nos	10	226	2260
165	2.22	Providing and fixing H.T. danger notice plate of 250mm x 200mm made of mild steel atleast 2mm thick and vitreous enamelled white on both sides and with inscription in singlered colour on front side as required	Nos	2	244	488
166	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	Nos	15	5308	79620

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
167	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	Nos	3	11794	35382
168	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	100	44	4400
169	7.1.1	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- upto 35sqmm	Mtr	60	323	19380
170	7.1.2	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 35sqmm and upto 95Sqmm	Mtr	30	338	10140
171	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 95sqmm and upto 185Sqmm	Mtr	50	352	17600
172	7.1.4	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 185sqmm and upto 400Sqmm	Mtr	70	396	27720
173	9.1.2	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- 2x 10 sqmm	Each	3	198	594
174	44075	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- 3.5x25 Sqmm	Each	3	250	750
175	9.1.21	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 35 sq. mm (32mm)	Each	4	300	1200
176	44805	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- 3.5 x 50 sqmm	Each	4	329	1316

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
177	45170	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- 2.5 x 70	Each	4	368	1472
178	9.1.3	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- 2x16 sqmm	Each	12	212	2544
179	10.6.2	Supplying and making straight through cable jointing with heatshrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 11 kV grade as required.120 sq. mm	Each	1	18085	18085
180	10.6.3	Supplying and making straight through cable jointing with heatshrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 11 kV grade as required.240 sq. mm	Each	1	19314	19314
181	10.6.4	Supplying and making straight through cable jointing with heatshrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 11 kV grade as required.300 sq. mm	Each	1	19314	19314
182	1101	1.5 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Each	300	9	2700
183	1102	2.5 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Mtr	200	14	2800
184	1103	4.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Mtr	150	22	3300
185	1104	6 Sqmm ISI marked FRLS PVC insulated single core copper conductor cable	Mtr	75	32	2400
186	1105	10 Sqmm ISI marked FRLS PVC insulated single core copper conductor cable	Mtr	45	57	2565
187	1436	Bell push piano type	Nos	33	12	396
188	1738	2+2 way SPN Double door MCB DB	Nos	4	991	3964
189	1740	6+2 way SPN Double door MCB DB	Nos	2	1287	2574
190	1741	2+10 way SPN Double door MCB DB	Nos	2	1589	3178
191	1754	4 way (4+12) TPN MCB DB double door horizontal type	Nos	4	2005	8020
192	1755	6 way (4+18) TPN MCB DB double door horizontal type	Nos	4	2477	9908
193	1503	400 A, TPN, rising mains in metal enclosure with aluminium busbar including fixing clamp	Nos	2	5458.57	10917.14
194	2347	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 300 sq. mm 1.1 kV grade cable	Nos	3	4783	14349
195	2381	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 35 sq. mm 1.1 kV grade cable	Nos	4	1197	4788
196	2916	6 SWG GI wire	KGs	2	61	122
197	2904	8SWG Copper wire (4mm dia)	KGs	3	540	1620

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
198	1601	32 Amps TPN Switch	Nos	1	1421	1421
199	1602	63 Amps TPN Switch	Nos	1	2005	2005
200	1622	4 pole MCCB,100A,30KA	Nos	1	5400	5400
201	1624	4 pole MCCB, 200A, 36KA	Nos	1	11243	11243
202	1627	4 pole MCCB,400A, 50KA	Nos	1	19535	19535
203	4b	SSR -Part A- Annexure - VII -Fluorescent Tubular Lamp with ISI Mark - Cool day light 4ft 40watts fo common light	Each	120	34.4	4128
204	7b	Box type single fluoresecent fitting with copper choke and condenser complete with ISI mark - 4ft 40watts box type with ballast(philip/ wipro/ crampton)	Each	60	431	25860
205	20C	Polyester filled copper choke 250V/50Hz grade suitable for Philips/ Crompton - 36/40 watts Electronic ballast for flu.tube philips/crompton	Each	170	269	45730
206	22	Battern type Bakelite holder for lamp	Each	30	15.8	474
207	24	Ceiling rose	Each	125	13.15	1643.75
208	Part B -1 c	Fans confirming to ISS 374/1979- Stepped electronic 300W/450W square type fan regulator Anchor/Deluxe	Each	70	185.5	12985
209	Part C -6b	Fuse unit (Anchor or Equ) - 32 amps porcelain fuse unit (500V)	Each	10	80.7	807
210	6c	Fuse unit (Anchor or Equ)- -63 amps porcelain fuse unit (500V)	Each	5	180	900
211	6d	Fuse unit (Anchor or Equ) - 100 amps porcelain fuse unit (500V)	Each	5	325	1625
212	6e	Fuse unit (Anchor or Equ) - 200 amps porcelain fuse unit (500V)	Each	5	526	2630
213	7a	Single Phase DBS (GEM/ Equivalent)- 4 way DB 16 Amps /way with fuse and neutral each (250 V)	Each	5	439	2195
214	7c	Single Phase DBS (GEM/ Equivalent) - 8 way DB 16 Amps /way with fuse and neutral each (250 V)	Each	5	740	3700
215	Part E 1(b)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark. - 2 core 10 sqmm PVC armoured UG cable	Mtr	30	103.2	3096
216	Part E 1(c)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark. - 2 core 16 sqmm PVC armoured UG cable	Mtr	180	112	20160
217	Part E 1(d)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark. - 2 core 25 sqmm PVC armoured UG cable	Mtr	60	127.3	7638
218	Part E 1(e)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark.- 3.5 core 25 sqmm PVC armoured UG cable	Mtr	70	191.7	13419
219	Part E 1(f)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark.- 3.5 core 35 sqmm PVC armoured UG cable	Mtr	350	225.7	78995
220	Part E 1(g)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark.- 3.5 core 50 sqmm PVC armoured UG cable	Mtr	100	294	29400
221	Part E 1(h)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark.- 3.5 core 70 sqmm PVC armoured UG cable	Mtr	90	377	33930
222	Part E 1(j)	Service connection accessories L.T. 1100V PVC aluminium aroumred U G cable with ISI mark.- 3.5 core 120 sqmm PVC armoured UG cable	Mtr	25	596	14900

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
223	Part E 1(l)	Service connection accessories L.T. 1100V PVC aluminium armoured U G cable with ISI mark.- 3.5 core 185 sqmm PVC armoured UG cable	Mtr	60	863	51780
224	Part E 1(o)	Service connection accessories L.T. 1100V PVC aluminium armoured U G cable with ISI mark.- 3.5 core 400 sqmm PVC armoured UG cable	Mtr	30	1710	51300
225	4a	Cable Glands suitable for 2 core 4 Sqmm UG cable	Each	5	17.5	87.5
226	4b	Cable Glands suitable for 2 core 6 Sqmm UG cable	Each	5	21.8	109
227	4c	Cable Glands suitable for 2 core 10 Sqmm UG cable	Each	5	26	130
228	4d	Cable Glands suitable for 2 core 16 Sqmm UG cable	Each	5	38.5	192.5
229	4e	Cable Glands suitable for 2 core 25 Sqmm UG cable	Each	5	46	230
230	4f	Cable Glands suitable for 3.5 core 25 Sqmm UG cable	Each	5	46	230
231	4g	Cable Glands suitable for 3.5 core 35 Sqmm UG cable	Each	50	58.4	2920
232	4h	Cable Glands suitable for 3.5 core 50 Sqmm UG cable	Each	5	58.4	292
233	4k	Cable Glands suitable for 3.5 core 120 Sqmm UG cable	Each	5	111.9	559.5
234	4m	Cable Glands suitable for 3.5 core 185 Sqmm UG cable	Each	5	174.2	871
235	5a	FUSE WIRE (Copper) -5 Amps fuse wire	KGs	15	483	7245
236	6a	NEUTRAL LINK 15 Amps- 4 way neutral link	Each	20	24	480
237	6b	NEUTRAL LINK 15 Amps- 6 way neutral link	Each	20	35.5	710
238	6c	NEUTRAL LINK 15 Amps- 8 way neutral link	Each	20	44.3	886
239	Part I 1(b)	P.V.C.(rigid) pipes (1.8 mm thick) with ISI- P.V.C. rigid pipes 20mm	Mtr	450	16.3	7335
240	Part I 1(c)	P.V.C.(rigid) pipes (1.8 mm thick) with ISI- P.V.C. rigid pipes 25mm	Mtr	140	24.2	3388
241	2b	P.V.C. rigid bends 20mm	Each	130	2.6	338
242	2c	P.V.C. rigid bends 25mm	Each	150	3.55	532.5
243	6b	P.V.C Junction boxes - junction boxes 1,2,3 and 4way 19mm	Dozen	20	35.1	702
244	6c	P.V.C Junction boxes- junction boxes 1,2,3 and 4way 25mm	Dozen	7	41.3	289.1
245	7a	P.V.C.Hylem sheets - Hylem sheet 3mm thick	Sqm	4	537	2148
246	8a	Insulation tape P.V.C - Insulation tape 19mm	Roll	170	13.05	2218.5
247	8c	Insulation tape P.V.C - Empire tape	Roll	25	21.05	526.25
248	Part J 1(a)	Teak wood box concealed type 12" X 8" X 3"	Each	25	66	1650
249	Part J 1(b)	Teak wood box concealed type 8" X 6" X 3"	Each	25	35.1	877.5
250	Part J 1(c)	Teak wood box concealed type 6" X 4" X 3"	Each	20	15.7	314
251	Part J 1(d)	Teak wood box concealed type 4" X 4" X 3"	Each	10	13.05	130.5
252	Part J 1(f)	Teak wood round blocks	Each	10	5.27	52.7
253	Part L 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	90	167	15030
254	6b	Miniature circuit breakers 240V/ 415 V 50Hz AC supply suitable for both lighting and motor circuits - Single pole 40 amps 10 KA Legrand	Each	25	342	8550

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
255	6e	Miniature circuit breakers 240V/ 415 V 50Hz AC supply suitable for both lighting and motor circuits- Double pole 6 to 32 amps 10 KA Legrand	Each	35	488	17080
256	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	25	792	19800
257	6k	Miniature circuit breakers 240V/ 415 V 50Hz AC supply suitable for both lighting and motor circuits- four pole 6 to 32 amps 10 KA Legrand	Each	40	1035	41400
258	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	17	1545	26265
259	12d	ISOLATORS- 40 Amps DP	Each	15	355	5325
260	12g	ISOLATORS- 63 Amps DP	Each	30	476	14280
261	12I	ISOLATORS- 63 Amps FP	Each	27	864	23328
262	12L	ISOLATORS- 100 Amps FP	Each	30	910	27300
263	SD 106	Fans conforming to ISS 374/1979- AC ceiling fan complete 1200mm (48") sweep with 300mm Down rod (without regulator)	Each	10	1975.68	19756.8
264	SD114	Exhaust Fans- AC Exhaust fan 300mm (12") sweep light duty	Each	10	1796.48	17964.8
265	MR	Supply of 400mm sweep wall mounding fan with push button switch (make Usha/Bajaj/crompton or equalent make)	Nos	25	3148	78700
266	MR	Supply of 2.5 MFD Fan condensor make Make keltron or equalentmake	Nos	160	39	6240
267	MR	Supplying of tube light side holder	Nos	75	50	3750
268	MR	Supply of 4 Sqmm 3 core wire	Mtr	100	151	15100
269	MR	Supply of 2.5 Sqmm 3 core wire	Mtr	150	105	15750
270	MR	Supply of 1.5 Sqmm 3 core wire	Mtr	100	66	6600
271	MR	Supply of 4 Sqmm 4 core wire	Mtr	100	202	20200
272	MR	Supply of 2.5 Sqmm 4 core wire	Mtr	45	129	5805
273	MR	Supplying and fixing of fan hook by dismantling ceiling portion and tying the fan hook with the main rod of the roof	Nos	10	161	1610
274	MR	Repairing and rewinding of ceiling fan	Nos	150	630	94500
275	MR	Supplying and fixing of 6202 ball bearing	Nos	150	144	21600
276	MR	Supplying and fixing of 6203 ball bearing	Nos	150	144	21600
277	MR	Painting of ceiling fan with enamel	Nos	50	120	6000
278	MR	14 watt LED lamp(make crompton /philips or equalent make)	Nos	75	498	37350
279	MR	Supplying and providing of 36 W LED street light Fittings(make crompton /philips or equalent make)	Nos	65	5500	357500
280	MR	Providing and fixng of 23 watt 4' LED Tube light (make crompton /philips or equalent make)	Each	100	498	49800
281	MR	Providing and fixng of 23 watt 4' LED Tube light fittings(make crompton /philips or equalent make)	Each	100	1705	170500
282	MR	Dismantling, rewinding , replacement of bearing shaft, impellers, bolts/nuts and re-assembling of mono block motor pump sets- 5 HP	Nos	1	9837	9837

Sl. No	DSR No.	Description of item	unit	Quantity	Rate	Amount
283	MR	Dismantling, rewinding , replacement of bearing shaft, impellers, bolts/nuts and re-assembling of mono block motor pump sets- 7.5 HP	Nos	1	12722	12722
284	MR	7.50 HP Dismantling, rewinding , replacement of bearing shaft, impellers, bolts/nuts and re-assembling of Sub- mersible bore well motor pump sets	Nos	2	20592	41184
285	MR	Supplying and fixing of new submersible pump with motor sets - 5 HP (300x40)	Nos	1	30665	30665
286	MR	Supplying and fixing of new submersible pump with motor sets- 7.5 HP (300x40)	Nos	1	57644	57644
287	MR	DOL starter 0.5 HP to 7.5 HP with relay range 0.63A to 13A. Make Siemens/L&T	Nos	1	9115	9115
288	MR	4 HP to 15 HP with relay range 2.5A to 13A fully automatic star delta starters with SPP future Make. Siemens/L&T/BCH	Nos	1	15345	15345
289	MR	Supply of Potable Drinking water (8000lit) Metro	Load	1200	1115	1338000
290	CMW	Supervisor (C Licence holder) / Graduate or Diplamo in Elect Engineering with Min 3 years Experience	Nos	12	29708	356496
291	CMW	Labour for day to day maintenance - Wireman grade1Electrician Grade-1 3 Nos X 12 months)	Nos	36	27509	990324
292	CMW	Labour for day to day maintenance Helper (3 no X 12 months)	Nos	36	22924	825264
293	CMW	Labour for day to day maintenance Pump operator (3 no X 12 months)	Nos	36	27509	990324

ABSTRACT OF SCHEDULE

Name of the Contractor :

SLNo	Abstract of Schedule	Amount
1	Civil - DSR Item Total	3498599.6
2	Civil - SSR & MR Total	787097.16
3	Civil - Labour Total	2171592
4	Electrical - DSR Item Total	1041136.54
5	Electrical - SSR & MR Total	3182868.7
6	Electrical - Labour Total	3162408
7	Civil and Electrical - Total	13843702
8	Labour Cess @ 1%	138437.02
	Value put into Tender (rounded up)	13982139

Minus _____ % (or) AT PAR the estimated cost (or) Plus _____ %

Quoted percentage in words _____ Only

(Bidder is to quote / select any one of the above, clearly striking out the others. The offer will be summarily rejected if found

Note :

1. The Percentage rate quoted by the tenderer shall be firm and fixed.
2. The Estimated Cost Put to Tender has been worked out by taking into consideration of prevailing Cost Index for the particular
3. The Percentage shall be typed only in figures upto 2 (two) places of decimal along with algebraic sign.

Signature of the contractor