

ABSTRACT OF COST**Name of the work :****Construction of Currency Chest Building for Bank of Baroda at Silora (Ajmer) (Rajasthan)**

S.No.	Description of Sub-Head		Amount quoted (Rs)
Part-A (Civil work Ground Floor)			
1	Earth Work	:	
2	Concrete Work	:	
3	Stone Work	:	
4	Brick Work	:	
5	Reinforced Cement Concrete	:	
6	Finishing Work	:	
7	Flooring Work	:	
8	Sanitary Installation Work	:	
9	Water Supply Work	:	
10	Drainage Work	:	
11	Miscellaneous Finishing work	:	
12	MS Work	:	
13	Electrical Work	:	
Total (Ground Floor)		:	
Part-B (Civil work First Floor)			
1	Brick Work	:	
2	Reinforced Cement Concrete	:	
3	Finishing Work	:	
4	Flooring Work	:	
5	Sanitary Installation Work	:	
6	Water Supply Work	:	
7	Drainage Work	:	
8	Miscellaneous Finishing work	:	
9	MS Work	:	
10	Electrical Work	:	
Total (First Floor)		:	
Total (Ground to First Floor)		:	
	Discount (if any)		
	Net Amount Quoted	:	

NOTE:- The bidder shall quote the rates inclusive of GST in the respective schedule of the work.

Place

Date

(Signature of the Bidder with seal)

Name of work :**Schedule of Quantities for Construction of Currency Chest for Bank of Baroda at Silora, Ajmer (Rajasthan)**

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
Ground Floor (Covered area= 300 Sq.m)						
1. Sub-Head:- Earthwork						
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m , disposed earth to be levelled and neatly dressed: All kinds of soil	Cum	365.00			
2	Extra for every additional lift of 1.5 m or part thereof in excavation -All kind of soils	Cum	160.00			
3	Excavating, supplying and filling of local earth by mechanical transport upto a lead of 5 KM including ramming and watering of earth in layers not exceeding 20 cm in trenches, plinth, side of foundation etc. complete	Cum	150.00			
4	Supplying and Filling in plinth with river sand under floors including watering ramming consolidating and dressing complete including cost of sand	Cum	100.00			
5	Diluting and injection Chloropyrifos mulsifiable concentrate 20% with 1% concentration for PRE-CONSTRUCTIONAL Anti termite treatment as per IS 6313 part III as amended from time to time and creating a continuous chemical barrier under and around the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of wall and floor along the external perimeter of building expansion joints,over the top surface of consolidated earth of which aproch is to be laid surrounding of pipes and conduits etc.complete as per specification (Plinth floor area only shall be measured for payment and excluding the cost of chemical emulsion)	Sqm	250			
6	Supplying chemical emulsion in sealed containers including delivery as specified. Chloropyriphos/Lindane emulsifiable concentrate of 20%	Lit	100			
7	Random rubble dry stone Kharanja under floor.	Cum	60.00			
8	Clearing of grass /vegetation and removal of rubbish upto a distance 50m outside the phriphery of the area cleared	Sqm	500.00			
Sub-Total (Earthwork)						
2. Sub-Head:- Concrete Work						
9	Providing and laying in position cement concreete including curing compection etc. complete in specified grade excluding the cost of centringand shuttering- All work up to plinth level1 cement : 3 sand : 6 aggregate mix with 40 mm aggregate size	Cum	25.00			
10	Providing and laying cement concrete including curing, compaction etc. complete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, levelling course etc up to floor five level excluding the cost of centering and shuttering.					
	M15 grade Nominal Mix	Cum	10.00			
Sub-Total (Concrete Work)						
3. Sub-Head:- Stone Work						
11	Random rubble stone Masonary for foundation & plinth in CM 1:6 above 30 cm thick wall in:	Cum	95.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
Sub-Total (Stone Work)						
4. Sub-Head:- Brick Work						
12	Brick Masonary work for superstructure upto fifth storey in CM 1:4	Cum	57.00			
13	Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75 Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Sqm	25.00			
14	Add extra providing and placing in position 2 Nos. ,6mm Ø M.S. bar at every third course of half brick masonry .	Sqm	25.00			
Sub-Total (Brick Work)						
5. Sub-Head:- Reinforced Cement Concrete Work						
15	Providing and laying in position Ready mix concrete manufactured in fully automatic Batching Plant and transported to site in transit mixer for having continous agitated mixer, manufactured as per approved mix design of specified grade of RCC work including pumping of R.M.C. from transit mixer to site of laying , exclding the cost of centering, shuttering and reinforcement with all lead and lift including cost of admixtures in recommended portion as per IS 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge . Note:- Cement content considered in this item is 330 Kg/cum. Excess/less cement used as per design mix is payable/recoverable seperately.					
	M:25 grade nominal mix/Design mix except Currency Chest					
	All works upto plinth level (Footings/Columns/Plinth Beams)	Cum	265.00			
	For Beams, suspended floor, columns,landing, balconies, lintel etc. for all work above plinth level upto floor V level	Cum	58.00			
	M:50 grade design mix for Currency Chest					
	Floor slab	Cum	78.00			
	CC walls and Roof slab CC	Cum	105.00			
Note:- During work of currency chest, the contractor shall take care of tang rod to be placed in between reinforcement of walls/floor slab/roof slab before casting of concrete. The tang rod to be supplied by the bank and also place by the specialised agency as per RBI guidelines. The contractor shall take care of this work in coordination with Tang rod supplier for smooth execution of work						
16	Add for using extra cement in the item of design mix over and above the specified cement content therein.	Per Quin	100.00			
17	Centering and shuttering with plywood or steel sheet including strutting,propping ,bracing both ways with wooden members and removal of form work for foundation in basements, rafts, footings, straps beams, bases of columns upto plinth level	Sqm	625.00			
18	Centering and shuttering with plywood or steel sheet including strutting,propping ,bracing both ways with wooden members and removal of form work for upto floor five level for					
	Columns, pillars, posts and struts etc.	Sqm	120.00			
	Walls (any thickness) including attached pilasters, buttresses plinth and string course.	Sqm	400.00			
	Suspended floors, roofs, landing, staircase, balconies , girders, cantilevers, bands, coping, bed plate, anchor blocks, sills, chajjas, lintel, beam etc.	Sqm	550.00			
19	Providing and fabricating reinforcement for R.C.C. Work					

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
	including straightening, cutting, bending, placing in position and binding(including cost of binding wire)all complete upto floor five level. Thermo mechanically treated bars.(Conforming to relevant IS code)	Kg	69000.00			
Sub-Total (RCC Work)						
6. Sub-Head:- Finishing Work						
20	Plaster on new surface on wall in cement sand mortar 1:4 including racking of joints etc. complete fine finished.					
	25 mm thick for external wall	Sqm	400.00			
	20 mm thick for internal walls	Sqm	400.00			
	12mm thick	Sqm	250.00			
21	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	400.00			
22	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:					
	New work (two or more coats) over and including scrapping and priming coat with cement primer.	Sqm	400.00			
23	Finishing walls with Acrylic Smooth exterior paint of required shade including all scaffolding. New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/ 10 sqm).	Sqm	400.00			
24	Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete					
	New Plastered Surface (three or more coats)	Sqm	400.00			
25	Painting with ready mix red oxide chromate primer of approved brand on steel works	Sqm	200			
26	Painting with synthetic enamel paint of approved brand two or more coats on new works	Sqm	200			
Sub-Total (Finishing Work)						
7. Sub-Head:- Flooring Work						
27	Kota stone slab flooring 25 mm thick over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 coarse sand)	Sqm	250.00			
28	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.	Sqm	25.00			
29	Extra for providing edge moulding to 15-18mm thick marble/ Granite/Kota stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in- Charge.	RM	30.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
30	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed wall tiles confirming to IS : 13753 & IS :15622 of size 200mm x 300mm in walls,floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	Sqm	20.00			
31	Providing and fixing 1st quality MAT finished ceramic floor tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).	Sqm	10.00			
32	P & F 1st quality Heavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absorption less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grouting the joints with white cement and matching pigment etc complete. Size 600mm x600mm	Sqm	20.00			
33	Providing and laying of paver block as per IS 15658 : 2006 (Indian standard for precast concrete block for paving-specification) and IRC : SP:63-2004 (guidelines for the use of interlocking concrete block pavement) M-35 60mm thick Category „B“ Denated only two side like I,Z,T shape etc. as per IRC SP 63:2004	Sqm	255.00			
Sub-Total (Flooring Work)						
8. Sub-Head:- Sanitary Installations Work						
34	P & F White Vitreous China Double Syphonic European W.C. (I.S:2556Mark) with mounted W.V.C. flushing cistern of (IS : 2556 Mark) of 10 litre capacity complete with all necessary internal fittings including cutting and making good the wall and floor.	Each	1.00			
35	P & F Ist quality WVC Urinal (IS:2556 mark) with 25mm dia G.I. waste pipe, dome waste couplings, concealed iron brackets or screws etc complete. Flat Back (large) or half stall size 610x400x80mm.	Each	1.00			
36	P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall : Size 580 mm x 450 mm	Each	1.00			
37	Providing and fixing stainless steel A ISI 304 kitchen sink as per IS 13983 with CI brackets and stainless steel plug 40mm including painting of fittings and brackets, with 32/40 mm waste coupling, waste pipe etc. and cutting and making good the walls <u>wherever required</u> Size 580 mm x 450 mm 17x15x7 (with drain board)	Each	1.00			
38	P & F Bevelled edge Mirror/mirror with teak wood lipping around of special glass of approved make as per direction of Engineer-in-charge complete with 6mm thick commercial ply base fixed to wooden screws & washers.	Sqm	5.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
39	Providing and fixing Glass Shelf with edges rounded off Anodised Aluminium angle frame & C.P. brass brackets & guard rail size 600x120mm	Each	1.00			
40	P & F Toilet Paper Holder with rod of approved quality/make:					
	C.P. brass heavy & Superior quality.	Each	1.00			
41	P & F Towel Rail or Ring of approved quality/make:					
	C.P. brass Towel Rail elbow type with concealed screws size 600 mm (Heavy duty).	Each	1.00			
42	P & F Jet spray for water closet with C.P. Copper Tube flange of approved make.	Each	1.00			
43	P & F Soap Dish or Tray of approved quality/make					
	C.P. brass heavy and superior quality.	Each	1.00			
44	Providing and fixing SS liquid soap dispenser of approved make with bracket complete	Each	1.00			
45	P & F SS Grating of 125 mm dia of approved quality/make	Each	5.00			
46	Providing and fixing CP brass angle valve for basin mixer and geyser points of approved make conforming to IS: 8931 15 mm nominal bore	Each	5.00			
47	Providing and fixing 2 way CP brass bib cock of approved make conforming to IS 8931	Each	1.00			
48	Providing and fixing CP brass bib cock (small/long) body of approved make conforming to IS 8931, 15 mm nominal bore	Each	1.00			
49	P & F C.P. Pillar cock, Swan-neck with casted spout, 15mm nominal bore.	Each	1.00			
50	P & F Bath Shower of approved quality/make.	Each	1.00			
51	P & F Extension Pipe for bib cocks of approved quality/make.	Each	5.00			
52	P&F Urinal partition	Sqm	1.00			
53	P&F Shower arm	Each	1.00			
Sub-Total (Sanitary Installation Work)						
9. Sub-Head:- Water Supply Work						
54	P & F G.I. pipes (Internal Work) with G.I. Fittings including union/bends/sockets etc (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:					
	Concealed pipe in wall including painting with anticorrosive bitumen paint					
	15mm dia -class B	RM	20.00			
	20mm dia -class B	RM	15.00			
	25mm dia -class B	RM	10.00			
55	P & F G.I. Pipes (External Work) with G.I. fittings including union, bends, sockets etc. (IS : 1239 Mark) including trenching & refilling earth etc.					
	25mm dia -class B	RM	15.00			
	40mm dia -class B	RM	10.00			
	50mm dia -class B	RM	10.00			
56	P & F Stop Cock (IS :8931 Mark), superior quality & of approved make:					
	Brass Concealed Stop Cock 15mm.	Each	2.00			
57	P & F Flush Cock / Flush Valve (IS : 9758 Mark) for WC of approved quality					
	CP brass push type 15mm nominal bore.	Each	2.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
	CP brass push type 20mm nominal bore.	Each	2.00			
58	P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :					
	Gun metal- 25mm nominal bore.	Each	2.00			
	Gun metal- 40 mm nominal bore.	Each	2.00			
Sub-Total (Water Supply Work)						
10 Sub-Head:- Drainage Work						
59	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.					
	75mm dia.	RM	20.00			
	110 mm dia	RM	25.00			
	160mm dia.	RM	10.00			
60	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:					
(a)	Coupler (socket)					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(b)	Reducer 110 X 75 mm					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(c)	Plain Tee					
	75mm dia.	Each	5.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	3.00			
(d)	Door Tee					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(e)	Door 'Y'					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(f)	Bend 45					
	75mm dia.	Each	5.00			
	110 mm dia	Each	5.00			
	160mm dia.	Each	3.00			
(g)	Bend 87.5					
	75mm dia.	Each	4.00			
	110 mm dia	Each	4.00			
	160mm dia.	Each	2.00			
(h)	Door Bend (Top Side)					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(i)	Vent Cowel					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(j)	Socket plug					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	1.00			
(k)	Door Cap					

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
	75mm dia.	Each	2.00			
	110 mm dia	Each	2.00			
	160mm dia.	Each	2.00			
(I)	Pipe Clip					
	75mm dia.	Each	7.00			
	110 mm dia	Each	7.00			
	160mm dia.	Each	5.00			
(m)	P-Trap-110 mm dia.	Each	5.00			
(n)	Q-Trap-110 mm dia.	Each	5.00			
(O)	S-Trap-110 mm dia.	Each	5.00			
(P)	Gully Trap-110 mm dia.	Each	6.00			
61	Construction of manhole in all type of soil inner size 90 X60 Cm. 230 mm thick brick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making channels, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring, Cement cover with frame of 450mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead. Depth up to 1.0 M	Each	2.00			
62	Construction of chamber in all type of soil with 230 mm thick brick masonry in CM 1:6 m, 10 cm thick C.C. 1:5:10 in foundation, 20mm thick insides plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr.					
(a)	Inside size 300 X 300 mm depth upto 0.5 M Cement cover with frame.	Each	2.00			
(b)	Inside size 450 X 450 mm depth upto 0.5 M Cement cover with frame.	Each	2.00			
(c)	Inside size 600 X 450 mm depth upto 0.5 M Cement cover with frame.	Each	2.00			
63	Construction of soakage well in all type of soil with 300 mm thick dry masonry, top and bottom 300 mm course in CM 1:6, 80mm thick stone slab, jointing of slab in CM 1 : 3, Ralthal, Kharanja, 40 mm thick M-15 grade C.C flooring, earthwork complete as per approved drawing including disposal of earth within a lead of 50 mtr.:					
	Size 300 Cm. dia outside & 300 Cm. depth .	Each	1.00			
64	Add extra if Soakage Well is filled with dry stones	Cum	15.00			
65	Construction of septic Tank in all types of soil with 40 Cm.thick masonry in CM 1:6, 15 Cm thick C.C bed of 1:5:10, M- 15 grade C.C floor & RCC slab covering with M15 grade c.c. floor, 50 mm thick stone slab partition walls, 20 mm thick plaster in CM 1:6 finished with neat floating cement, 4 Nos stone foot rests of approved design, two No. 450 mm dia each Ferro cement cover with frame, earth work etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 mtr:-					
(a)	Size 400 x140x150 cm.(for 50 users) with 115 mm thick RCC (M-20) slab with Tor steel reinforcement 10mm ϕ @15 cm c/c bothways including shuttering complete in all respect.	Each	1.00			
66	Supplying and fixing Ferro- cement cover with C.I. frame for chambers & man holes of size.					
(a)	Rectangular shape 600 x 450 mm, to withstand 3T center point load & minimum unfractured load of 1 MT. (Light duty).	Each	4.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
67	Construction of Open Surface Drain with 112mm thick brick masonry in CM 1:4, 110mm thick base concrete 1:5:10, 37mm thick M-15 grade C.C. flooring, 12mm 1:4 cement plaster on all exposed faces of walls including top surface excavation & disposal of earth complete as per approved design/drawing:					
(a)	150mm drain, 225mm Av. Depth	RM	40.00			
(b)	250mm drain, 300mm Av. Depth	RM	20.00			
68	Recharge PIT with 2 bores method CLEAR size of 3mx1.5mx2.0 mt depth, with 230 mm brick walls all around in the mix of 1: 3, base of the walls is with 100 mm thick P.C.C in mix of 1: 3: 6 The pit is lined with boulders, coarse sand, gravel as shown in the drawing attached. The pit to have 2 Nos. 200 mm bore filled with gravels and 100 mm dia PVC pipe for 20 mt depth and slotted pipe for 6 mt depth complete with bail plug and 25 mm vent pipes on top and well caps, top of the pit is covered with 75 mm thick detachable R.C.C slabs. Item includes getting rain water harvesting scheme approved by the local Central Ground water authority and procuring necessary sanctions for the work and keeping all liaisoning with Govt. authorities.	Each	1.00			
69	Providing and fixing 900x900x1200mm deep collection chamber for collecting rain water from all rainwater pipes, same specification as for Masonery chamber in Misc. Civil works.	Each	1.00			
70	Construction of tube-well from ground levels and upto 100 Meter depth and above to accommodate housing and assembly PVC pipe of following sizes in all types of alluvium strata by percussion/ rotary drilling method and with gravel as per IS:4097-1967 and packing as per IS:2800 (Part I -& II) 1979 as amended upto date (the work includes the cost of gravel & its primary packing and packing during development, lowering of housing & strainer assembly pipes, with supply and wrapping of coir-rope, wherever necessary, for arresting fine sand particles. The work will not include cost of housing pipe and strainer pipe assembly and development work, but work would be completed after obtaining sand free water).					
(a)	200 mm dia	RM	40.00			
Sub-Total (Drainage Work)						
11 Sub-Head:- Miscellaneous work						
71	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding complete in all respect.	RM	10.00			
72	Providing and fixing 30/32 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items / finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts, Door Closer, Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing polishing etc including preparing base.	Sqm	4.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
73	Providing and fixing aluminum work for doors ,windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make conforming to IS :733 and IS :1285, fixed with rawl plugs and screws or with fixing clips ,or with expansion hold fasteners including necessary filling up of gap. at junctions ,at top ,bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,mitered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /paneling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge .(Glazing and paneling to be paid for separately).					
(a)	Powder coating aluminum (minimum thickness of powder coating 50 micron)	Kg	150.00			
74	Providing and fixing glazing in aluminium door, window ,ventilator shutters and partitions etc. with PVS / neoprene gasket etc.complete as per the architectural drawings and the directions of engineer-in-charge.(Cost of aluminium snap beading shall be paid in basic item.)					
(a)	With float glass panes of 5.0 mm thickness (weight not less than 13.50 kg/sqm)	Sqm	5.00			
75	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S.					
(a)	With stainless steel cover plate	Each	2.00			
76	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/sqm mixed with water proffing cement compound @0.253 kg//sqm .This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proffing cement compound @ 0.126 kg/sqm This layer will be allowed to air cure for 4 hours followed by water curing for 48 hours. The rates includes preparation of surface treatment & sealing of all joints ,corners, junction with polymer mixed slurry.	Sqm	10.00			
77	Providing and fixing in cement sand mortar 1 : 3 single/double rebated R..C. Door Window and ventilator frames (Chowkhats) including 1% reinforcement as per design and concrete mix 1 : 2 : 4 cutting etc. complete incl. horns. and hold fasts :					
(a)	Size 100mm x75mm	RM	15.00			
78	Construction of Brick masonry boundary wall 230 mm thick thickness made in CM 1:6 above ground upto 1.5 m height with finished by cement plaster 15-20 mm thick in 1:6 CM including sub soil stone masonry in CM 1:6 with minimum depth 900 mm from NGL complete the work as per drawing and specification	RM	65.00			
Sub-Total (Miscellaneous work)						
12 Sub-Head:- Steel work						

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
79	Providing & fixing square bars or other flats welded to windows, ventilators etc.	Kg	200.00			
80	Providing and fixing cow catcher made of R.S. joist angles channels MS rounds including cutting welding and fabrication with priming coat of red oxide (as per design).	Kg	300.00			
81	Providing and fixing in position collapsible steel shutters with vertical M.S. Channels 20 x 10 x 2mm and bracket with flat iron diagonals 20 x 5mm. size with top and bottom rail of T-iron 40 x 40 x 6mm. with 40mm dia steel pulleys/ball bearing complete with bolts, nuts locking arrangements inside and outside stoppers, handles etc. as per specification including applying a priming coat of approved steel primer. (To be measured and paid as per outer dimension).	Sqm	20.00			
82	Supplying and fixing rolling shutters of approved make, made of 80 x 1.25mm. M.S. laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including cost of spring hooks, providing and fixing necessary 25.3cm. long wire springs grade No. 2 and M.S. top cover 1.25mm thick for rolling shutters as per design & IS 6248- 1979. (Clear openable area to be measured for payment).	Sqm	12.00			
83	Providing and fixing steel glazed window frame made out of 80x40 mm hollow sheet section of 16 gauge thickness, joint mitred welded and grinded including hold fast of steel lugs 13mm x 3mm and 15 Cm long embedded in C C block 15 x 10 x 10 Cm of 1:3:6 nominal concrete and including fixing of pivoted hinges of superior quality, window shutters made out of 50 x 25.0 mm hollow steel section 15 mm paitam of 18 gauge thickness, joint mitred and grinded including 10mm x 10mm square bars welded to frame for paitam fixing float glass 4mm thick panes with glazing clips and metal sash putty and fixing of shutters frames peg stay, U shape handle 100 mm long, tower bolts 100 mm long of steel powder coated superior quality including fixing and jointing with frame hinges priming coat with steel primer complete in all respect as per direction of Engineer-in -charge					
(a)	Window openable.	Sqm	3.00			
84	Providing and fixing welded mesh/expanded metal mesh in frame work, flat iron beading 20x3mm including top cross laps inside and out sides welding, iron bolts, crews, clips etc. complete (excluding frame work) of size.					
	Welded mesh 50 mmx 25 mm x 2.1 mm	Sq.m	3.00			
85	Providing and fixing steel gate, grating , and grills made of angles,tees, square bars, flats,or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	Kg	100.00			
Sub-Total (Steel work)						
13 Sub-Head:- Electrical work						
86	Supply and fixing GI/MS fan box in RCC slab for fixing ceiling fan complete in all respect	Each	15.00			
87	Supply and fixing GI/MS deep junctions in RCC slab for fixing ceiling lights complete in all respect	Each	30.00			
88	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 3X 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 size G.I. box etc as required.	Each	35.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
89	Wiring for twin control light point with 3x1.5 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 etc as required.	Each	20.00			
90	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	RM	50.00			
(b)	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	RM	50.00			
(c)	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	RM	50.00			
(d)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	RM	35.00			
91	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	25mm	RM	50.00			
b	32 mm	RM	30.00			
c	40mm	RM	25.00			
92	Supplying and drawing following pair 0.5 sq. mm FR PVC insulated annealed copper conductor,unarmoured telephone cable in the existing surface/recessed PVC conduit as required.					
(a)	2 pair	RM	50.00			
(b)	4 pair	RM	50.00			
93	Supply and fixing of RJ11 modular Telephone outlet in d M.S. Box and Modular Plate including cost of M.S.box, modular plate and connections etc as required.	Each	10.00			
94	Supply and fixing 20 pair krone type telephone junction box including testing of all telephone cable numbering and making connection etc. as required	Each	1.00			
95	Supplying and drawing co-axial TV cable RG-6 grade,shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed PVC conduit as required. 0.7 mm solid copper conductor PE insulated,	RM	25.00			
96	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.	Each	10.00			
97	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.	Each	10.00			
98	Wiring for 3 nos. 5 pin 6 A Light plug point controled by 6 A Switch with 3 x 2.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3nos.5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, complete as per specifications and as required.	Each	6.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
99	Wiring for following. 16 A Socket controlled by 1 No. 16A Switch with 3 x 2.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 20 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, complete as per specification and as required.	Each	5.00			
100	Wiring for 5 pin 6 A Light plug point with 3 x 1.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface FRLS PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, complete as per specifications and as required.	Each	10.00			
101	Wiring for MCB controlled Light Point with 3 x 1.5 Sq. mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in PVC surface/recessed conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting.	Each	3.00			
102	Wiring for 20A Single Phase metal clad socket outlet with 2 x 4 +1 x 2.5 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 20A 3pin metal clad plug and socket and 20A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.	Each	4.00			
103	Wiring for 32A Single Phase metal clad socket outlet with 3 x 6 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 32A 3pin Metal clad plug & socket and 32A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.	Each	2.00			
104	Supplying and fixing single wall mounted 18/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall/ ceiling including connections with 1.5 sq.mm FR PVC insulated copper conductor and earthing the body etc. as required.	Each	8.00			
105	Supplying and fixing 40/45 watt LED type street light with die cast aluminium housing for ingress protection of IP65 and complete with all accessories etc, on pole/building including connection with FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	0.00			
106	Supplying and fixing indoor recess mounting 36 watt LED flat panel luminaire suitable for false ceiling and complete with electronic driver etc. directly on false ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required.	Each	15.00			
107	Supplying and fixing recess mounted 12 watt LED vertical downlighter complete with all accessories and replaceable electronic driver, directly on false ceiling including connection with 1.5 sq.mm FR	Each	10.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
108	Supplying, Laying, testing & commissioning of the following sizes of XLPE Al. Conductor armoured cables of 1.1KV grade conforming to IS 7098 on the surface of wall or on existing cable trays with 2 Nos 10 swg GI ECC by GI bar and saddles on wall/floorpass through class B GI pipe complete with hangers, properclamps fixing hardware etc. as required					
a	4 C x70 Sq. mm Al. Cable	RM	25.00			
b	4 C x 25 Sq. mm Al. Cable	RM	20.00			
c	4 C x 10 Sq. mm Al. Cable	RM	20.00			
d	4 x 16 sqmm Copper Wire with 50 mm conduit	RM	20.00			
e	2 x 16 sqmm Copper Wire with 32 mm conduit	RM	15.00			
109	Suppling, making, testing & commissioning of end termination with brass mettalic double compression glands suitable for the following sizes of XLPE Al. conductor armoured cables including proper sizes of copper thimbles etc. as required.					
a	4 C x70 Sq. mm Al. Cable	Each	4.00			
b	4 C x 25 Sq. mm Al. Cable	Each	4.00			
c	4 C x 10 Sq. mm Al. Cable	Each	4.00			
d	4 x 16 sqmm Copper Wire with 50 mm conduit	Each	4.00			
e	2 x 16 sqmm Copper Wire with 32 mm conduit	Each	4.00			
110	Supply and installation of following sizes of perforated GI cable tray made cut of 2 mm thick GI sheet, suspended from the ceiling or fixed on wall/column etc complete with suspenders, runners and fixing hard ware etc. as required.					
a)	50 mm x 300mm x 50 mm	Mtrs	5.00			
b)	50 mm x 150 mm x 50 mm	Mtrs	5.00			
111	Supply and fixing of following sizes of Raceway fabricated out of 2mm thick G.I. Sheet in floor or in vertical low voltage shaft including fixing hardware, making recess in floor and repair after fixing the raceway complete as required. (For Low Voltage Systems)					
(a)	50 mm x 35mm	Mtrs	5.00			
(b)	100mm x 35mm	Mtrs	5.00			
112	Supply and fixing following sizes of floor boxes fabricated out of 2 mm thick G.I. Sheet with cover plate in floor.					
(a)	75 mm x 75 mm x 75 mm	Nos.	5.00			
(b)	110 mm x 75 mm x 75 mm	Nos.	5.00			
113	Supply, installation, testing and commissioning of 3000 mm long 25 mm dia minimum 11.6 kg in weight high tensile strength solid steel rods molecularly bonded with 250 microns copper coating complies to IS 3043 and tested as per IEC 62561-2, High resistance to corrosion and high tensile strength earthing kit with connector and sufficient weight earth conductivity enhancing mineral compound tested as per IEC 62561-7 complete in all manners with all require accessories etc. for lowering the effective ground impedance value to less than one ohm and ensuring that it should be less than one ohm by adding more earthing pits as a combined sets.The earthing inhancement compound shall boost moisture to retain the moisture duly tested & certified by CPRI & CETL Laboratory.Incase more earthing pits are added then interconnecting these pits shall be included in this item	Each	1.00			
114	Supply and fixing of 25 mm x 3 mm thick copper strip in earth electrode including connection etc. as required	Mtrs	10			
115	Supply and fixing of 25mm x 6mm thick G.I. strip earth electrode including connection etc as required.	Mtrs	10			
116	1 x 16sqmm copper wire for UPS/Server	Mtrs	15			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
117	Supplying and laying of 8 SWG G.I. Wire on surface / recess as required.	Mtrs	25			
118	Supply & installation , testing & commissioning of 48" ceiling Fan complete with all accessories such as blades, canopy etc. including wiring the down rod with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires and earthing the fans etc. complete as required.	Each	6.00			
119	Supply & installation, testing & commissioning of 12/9" exhaust fans on existing opening in wall including all fixing hardware, louvers, shutters etc. Connection with 3 x 1.5 Sqmm FRLS PVC insulated multistranded copper conductor wire from the socket outlet to the fan earthing etc. complete as required.	Each	2.00			
120	Supply & installation , testing & commissioning of wall Mounted Fan 400mm Sweep . complete with all accessories such as blades, canopy etc.Connection with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires from the socket outlet to the fan earthing etc. . complete as required.(Wall Mounted Fans Bracket fans sweep 400 mm)	Each	4.00			
121	Supplying, installation, testing & commissioning of following type wall mounted Horizontal TPN/SPN distribution board of double door type design made out of 16 gauge MS sheet with supplying and fixing following accessories including painting, interconnections, painting, earthing and labeling etc. as required.					
1	6 WAY TPN DB (PDB)					
	Incoming					
a)	63Amp TPN MCB (10KA) - 1 No					
	Outgoing					
a)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Each	1.00			
	Neutral links - 3 Nos (Separate for each phase)					
2	6 WAY TPN DB (LDB)					
	Incoming					
a)	40Amp TPN MCB (10KA) - 1 No					
	Outgoing					
a)	10/16/20/25 Amp SP MCB (10KA) - 18 Nos	Each	1.00			
	Neutral links - 3 Nos (Separate for each phase)					
3	8 WAY TPN DB (UPS)					
	Incoming					
a)	63Amp TPN MCB (10KA) - 1 No					
	Outgoing					
a)	10/16/20/25 Amp SP MCB (10KA) - 20 Nos					
b)	Neutral links - 3 Nos	Set	1.00			
	(Separate for each phase)					
4	63 Amp. 4 P ,25ka MCB with Box for UPS INPUT	Set	2.00			

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
122	Design, fabrication, loading, unloading at store, installation, testing & commissioning as directed by Engineer-in-Charge, of LT Panels fabricated out of 2mm thick for structural members (Load bearing members) and 1.6mm thick for door and covers (Non load bearing members) CRCA sheet in cubicle compartmentalize free standing floor mounted, dust and vermin proof with reinforcement of suitable size angle iron, channel 'T' irons and / or flats wherever necessary, 16 gauge CRCA sheet steel shall be used for final distribution panels. Cable gland plates shall be provided on top as well as at the bottom of the panels. Panels shall be treated with all anticorrosive process before painting as per specifications with 2 coats of zinc chromate primer and final approved shade of enamelled paint. 2 Nos. earthing terminals shall be provided for all distribution panels. Panels shall be suitable for 415V, 3-phase, 4-wire, 50Hz supply system and with 15% spare space, lifting hooks shall also be provided in case of large panels. Panel must be BMS/FAS Compatible.					
	Approval shall be taken for each panel before fabrication. Galvanized hardware with zinc passivation shall be used in fabrication of panels.					
1.0	MCCB:					
	MCCBs shall be used with Thermal Magnetic Based releases upto 250A and microprocessor based Over Load, Short Circuit / Earth Fault release.					
2.0	Breaking capacity mentioned is lcs value.					
3.0	This BOQ to be read in conjunction with technical specifications and Single Line Diagram (attached for reference). If any discrepancy occurs that should be brought to the notice of Client/Consultant before quoting the price otherwise stringent condition will be deemed to have been considered.					
4.0	All MCCBs shall be provided with rotary operating handle and ON/OFF lamps.					
5.0	All meters shall be digital type (unless otherwise specified) with RS 485 Port.					
6.0	All Incoming and outgoing breaker must have provision of Potential free contacts for BMS/FAS.					
7.0	All MCBs shall be motor duty type.					
8.0	All current/voltage transformer shall be cast resin type.					
9.0	All indicating lamps shall be LED type.					
10.0	Current density for Al. bus bars shall not be more than 0.8A/Sqmm. Rating of Bus bar is after considering all derating factors. (Bus bar sizing calculation to be submitted for approval.)					
11.0	All internal control wiring shall be heat resistant type.					
12.0	All TP feeders shall be provided with Isolable neutral link.					
13.0	Bus bar chamber & cable entry both shall be provided at top only.					
14.0	All feeders shall be provided with door interlocked with door defeat, pad lock facility.					
15.0	Live parts shall not be accessible after opening the door, Transparent acrylic sheet to be provided to cover the same.					
16.0	Spare contacts of MCCBs / Relay / Contactor shall be wired upto terminal block.					
17.0	20% spare control terminal to be provided.					

S.No.	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
18.0	All incoming/outgoing cables shall be terminated on links/terminals.					
1.0	MV PANEL					
	(Loc. :- Panel Room)					
I.	INCOMING					
a)	1 No-200 amp,25KA,3P MCCB					
b)	Aluminum Bus Bar 20x10					
c)	Change Over Switch-100A (Onload Type)					
II.	METERING & INDICATION SEB					
a)	CT for metering 200/5A Class-1, 15VA - 3 Nos.					
b)	Multifunction Meter-1 no.					
c)	Phase indicator lamps cluster LED type (Red, Yellow/Blue) with protection fuses with control MCB of 2A - 1 Set					
d)	Digital ammeter 250 Amps with ammeter selector switch and connected through suitable current transformers 250/5.					
e)	Digital Voltmeter 500 Volts with voltmeter selector switch, 2 Amps HRC fuses with carriers.					
III	OUTGOING					
a)	63 A TPN MCB (15KA) - 4 No.					
b)	63A TPN MCB (10KA) -6 Nos.					
c)	25A TPN MCB (10KA) -0 Nos					
		Each	1.00			
123	Supply & fixing the following size of PVC conduit in Floor/Surface of wall, including cutting the Floor/Wall and make the good the same as required (For Switcher to Data point.)					
a)	25 mm dia	Mtrs	50.00			
124	Supply and fixing square face plate MS housing box with RJ-45 socket etc complete.Each point to be marked with ferrules. dully recessed in wall/partition	Nos.	8.00			
125	Supply and drawing of CAT- 6 UTP cable from system room to individual points to be fixed on walls/partitions/wooden tables in 25 mm PVC conduit with suitable clamp and saddles and other accessories required making connection on both the ends.	Mtrs	100.00			
126	Providing and fixing patch cords					
a)	1m length	Each	8.00			
b)	2m length	Each	8.00			
Sub-Total (Electrical work)						
Grand Total						

Date:-
Place:-

(Signature of the Bidder with Seal)

Name of work :

Schedule of Quantities for Construction of Currency Chest for Bank of Baroda at Silora, Ajmer (Rajasthan)

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
First Floor (Covered area= 300 Sq.m)						
1 Sub-Head:- Brick Work						
1	Brick Masonry work for superstructure upto fifth storey in CM 1:4	Cum	55.00			
2	Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75					
	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Sqm	35.00			
3	Add extra providing and placing in position 2 Nos. ,6mm Ø M.S. bar at every third course of half brick masonry .	Sqm	35.00			
Sub-Total (Brick Work)						
2. Sub-Head:- Reinforced Cement Concrete Work						
4	Providing and laying in position Ready mix concrete manufactured in fully automatic Batching Plant and transported to site in transit mixer for having continous agitated mixer, manufactured as per approved mix design of specified grade of RCC work including pumping of R.M.C. from transit mixer to site of laying , exclding the cost of centering, shuttering and reinforcement with all lead and lift including cost of admixtures in recommended portion as per IS 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge . Note:- Cement content considered in this item is 330 Kg/cum. Excess/less cement used as per design mix is payable/recoverable separately.					
	M:25 grade nominal mix/Design mix					
	For Beams, suspended floor, columns,landing, balconies, lintel etc. for all work above plinth level upto floor V level	Cum	85.00			
	M:50 grade design mix for Currency Chest					
	Floor slab	Cum	0.00			
5	Add for using extra cement in the item of design mix over and above the specified cement content therein.	Per Quin	75.00			
6	Centering and shuttering with plywood or steel sheet including strutting,propping ,bracing both ways with wooden members and removal of form work for upto floor five level for					
	Columns, pillars, posts and struts etc.	Sqm	125.00			
	Walls (any thickness) including attached pilasters, buttresses plinth and string course.	Sqm	0.00			
	Suspended floors, roofs, landing, staircase, balconies , girders, cantilevers, bands, coping, bed plate, anchor blocks, sills, chajjas, lintel, beam etc.	Sqm	750.00			
7	Providing and fabricating reinforcement for R.C.C. Work including straightening,cutting, bending,placing in position and binding(including cost of binding wire)all complete upto floor five level. Thermo mechanically treated bars.(Conforming to relevant IS code)	Kg	11000.00			
Sub-Total (RCC Work)						
3 Sub-Head:- Finishing Work						
8	Plaster on new surface on wall in cement sand mortar 1:4 including racking of joints etc. complete fine finished.					
	25 mm thick for external wall	Sqm	400.00			
	20 mm thick for internal walls	Sqm	400.00			
	12mm thick	Sqm	300.00			
9	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	Sqm	400.00			

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
10	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:					
	New work (two or more coats) over and including scrapping and priming coat with cement primer.	Sqm	400.00			
11	Finishing walls with Acrylic Smooth exterior paint of required shade including all scaffolding. New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/ 10 sqm).	Sqm	400.00			
12	Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete					
	New Plastered Surface (three or more coats)	Sqm	400.00			
13	Painting with ready mix red oxide chromate primer of approved brand on steel works	Sqm	100			
14	Painting with synthetic enamel paint of approved brand two or more coats on new works	Sqm	100			
Sub-Total (Finishing Work)						
4 Sub-Head:- Flooring Work						
15	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.	Sqm	15.00			
16	Extra for providing edge moulding to 15-18mm thick marble/ Granite/Kota stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in- Charge.	RM	30.00			
17	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed wall tiles confirming to IS : 13753 & IS :15622 of size 200mm x 300mm in walls,floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	Sqm	50.00			
18	Providing and fixing 1st quality MAT finished ceramic floor tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).	Sqm	10.00			
19	P & F 1st quality Heavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absorption less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grouting the joints with white cement and matching pigment etc complete. Size 600mm x 600mm	Sqm	300.00			
Sub-Total (Flooring Work)						
5 Sub-Head:- Sanitary Installations Work						
20	P & F White Vitreous China Double Syphonic European W.C. (I.S:2556Mark) with mounted W.V.C. flushing cistern of (IS : 2556 Mark) of 10 litre capacity complete with all necessary internal fittings including cutting and making good the wall and floor.	Each	3.00			
21	P & F Ist quality WVC Urinal (IS:2556 mark) with 25mm dia G.I. waste pipe, dome waste couplings, concealed iron brackets or screws etc complete.					

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
	Flat Back (large) or half stall size 610x400x80mm.	Each	6.00			
22	P & F WVC Wash basin (1st quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall : Size 580 mm x 450 mm	Each	4.00			
23	Providing and fixing stainless steel A ISI 304 kitchen sink as per IS 13983 with CI brackets and stainless steel plug 40mm including painting of fittings and brackets, with 32/40 mm waste coupling, waste pipe etc. and cutting and making good the walls wherever required. Size 580 mm x 450 mm 17x15x7 (with drain board)	Each	1.00			
24	P & F Bevelled edge Mirror/mirror with teak wood lipping around of special glass of approved make as per direction of Engineer-in-charge complete with 6mm thick commercial ply base fixed to wooden screws & washers.	Sqm	4.00			
25	Providing and fixing Glass Shelf with edges rounded off Anodised Aluminium angle frame & C.P. brass brackets & guard rail size 600x120mm	Each	6.00			
26	P & F Toilet Paper Holder with rod of approved quality/make: C.P. brass heavy & Superior quality.	Each	4.00			
27	P & F Towel Rail or Ring of approved quality/make: C.P. brass Towel Rail elbow type with concealed screws size 600 mm (Heavy duty).	Each	4.00			
28	P & F Jet spray for water closet with C.P. Copper Tube flange of approved make.	Each	4.00			
29	P & F Soap Dish or Tray of approved quality/make C.P. brass heavy and superior quality.	Each	4.00			
30	Providing and fixing SS liquid soap dispenser of approved make with bracket complete	Each	4.00			
31	P & F SS Grating of 125 mm dia of approved quality/make	Each	10.00			
32	Providing and fixing CP brass angle valve for basin mixer and geyser points of approved make conforming to IS: 8931 15 mm nominal bore	Each	10.00			
33	Providing and fixing 2 way CP brass bib cock of approved make conforming to IS 8931	Each	4.00			
34	Providing and fixing CP brass bib cock (small/long) body of approved make conforming to IS 8931, 15 mm nominal bore	Each	4.00			
35	P & F C.P. Pillar cock, Swan-neck with casted spout, 15mm nominal bore.	Each	4.00			
36	P & F Bath Shower of approved quality/make.	Each	0.00			
37	P & F Extension Pipe for bib cocks of approved quality/make.	Each	10.00			
38	P&F Urinal partition	Sqm	4.00			
39	P&F Shower arm	Each	0.00			
Sub-Total (Sanitary Installation Work)						
6 Sub-Head:- Water Supply Work						
40	P & F G.I. pipes (Internal Work) with G.I. Fittings including union/bends/sockets etc (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors: Concealed pipe in wall including painting with anticorrosive bitumen paint 15mm dia -class B 20mm dia -class B 25mm dia -class B	RM	35.00			
		RM	35.00			
		RM	35.00			
41	P & F G.I. Pipes (External Work) with G.I. fittings including union, bends, sockets etc. (IS : 1239 Mark) including trenching & refilling earth etc. 25mm dia -class B 40mm dia -class B	RM	20.00			
		RM	20.00			

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
	50mm dia -class B	RM	20.00			
42	P & F Stop Cock (IS :8931 Mark), superior quality & of approved make:					
	Brass Concealed Stop Cock 15mm.	Each	4.00			
43	P & F Flush Cock / Flush Valve (IS : 9758 Mark) for WC of approved quality make :					
	CP brass push type 15mm nominal bore.	Each	2.00			
	CP brass push type 20mm nominal bore.	Each	2.00			
44	P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :					
	Gun metal- 25mm nominal bore.	Each	2.00			
	Gun metal- 40 mm nominal bore.	Each	2.00			
Sub-Total (Water Supply Work)						
7 Sub-Head:- Drainage Work						
45	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.					
	75mm dia.	RM	25.00			
	110 mm dia	RM	25.00			
	160mm dia.	RM	15.00			
46	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:					
(a)	Coupler (socket)					
	75mm dia.	Each	4.00			
	110 mm dia	Each	4.00			
	160mm dia.	Each	2.00			
(b)	Reducer 110 X 75 mm					
	75mm dia.	Each	4.00			
	110 mm dia	Each	4.00			
	160mm dia.	Each	2.00			
(c)	Plain Tee					
	75mm dia.	Each	5.00			
	110 mm dia	Each	5.00			
	160mm dia.	Each	3.00			
(d)	Door Tee					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(e)	Door 'Y'					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(f)	Bend 45					
	75mm dia.	Each	4.00			
	110 mm dia	Each	4.00			
	160mm dia.	Each	2.00			
(g)	Bend 87 .5					
	75mm dia.	Each	4.00			
	110 mm dia	Each	4.00			
	160mm dia.	Each	2.00			
(h)	Door Bend (Top Side)					
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	2.00			
(i)	Vent Cowel					
	75mm dia.	Each	4.00			
	110 mm dia	Each	4.00			
	160mm dia.	Each	2.00			
(j)	Socket plug					

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
	75mm dia.	Each	3.00			
	110 mm dia	Each	3.00			
	160mm dia.	Each	1.00			
(k)	Door Cap					
	75mm dia.	Each	2.00			
	110 mm dia	Each	2.00			
	160mm dia.	Each	2.00			
(l)	Pipe Clip					
	75mm dia.	Each	10.00			
	110 mm dia	Each	10.00			
	160mm dia.	Each	5.00			
(m)	P-Trap-110 mm dia.	Each	5.00			
(n)	Q-Trap-110 mm dia.	Each	5.00			
(O)	S-Trap-110 mm dia.	Each	5.00			
(P)	Gully Trap-110 mm dia.	Each	10.00			
Sub-Total (Drainage Work)						
8 Sub-Head:- Miscellaneous work						
47	Providing and fixing 30/32 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items / finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts,Door Closer,Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing poilishing etc including preparing base.	Sqm	10.00			
48	Providing and fixing aluminum work for doors ,windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make conforming to IS :733 and IS :1285, fixed with rawl plugs and screws or with fixing clips ,or with expansion hold fasteners including necessary filling up of gap. at junctions ,at top ,bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,mitered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /paneling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge .(Glazing and paneling to be paid for separately)					
(a)	Powder coating aluminum (minimum thickness of powder coating 50 micron)	Kg	175.00			
49	Providing and fixing glazing in aluminium door, window ,ventilator shutters and partitions etc. with PVS / neoprene gasket etc.complete as per the architectural drawings and the directions of engineer-in-charge.(Cost of aluminium snap beading shall be paid in basic item.)					
(a)	With float glass panes of 5.0 mm thickness (weight not less than 13.50 kg/sqm)	Sqm	25.00			
50	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S.					
(a)	With stainless steel cover plate	Each	4.00			

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
51	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proffing cement compound @ 0.253 kg/sqm. b) laying second layer of Fiber glass cloth when the first layer is still green . Overlaps of joints of fiber cloth should not be less than 10 cm . c) Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proffing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30cm on parapet wall and tucked into groove in parapet all around d) fourth and final layer of brick tiling „with cement mortar or any other approved protective coarse. (which will be paid for separately) For the purpose of measurement the entire treated surface will be measured	Sqm	260.00			
52	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/sqm mixed with water proffing cement compound @0.253 kg//sqm .This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proffing cement compound @ 0.126 kg/sqm This layer will be allowed to air cure for 4 hours followed by water curing for 48 hours. The rates includes preparation of surface treatment & sealing of all joints ,corners, junction with polymer mixed slurry.	Sqm	20.00			
53	Providing and fixing in cement sand mortar 1 : 3 single/double rebated R..C. Door Window and ventilator frames (Chowkhats) including 1% reinforcement as per design and concrete mix 1 : 2 : 4 cutting etc. complete incl. horns. and hold fasts :					
(a)	Size 100mm x75mm	RM	40.00			
Sub-Total (Miscellaneous work)						
9 Sub-Head:- Steel work						
54	Providing & fixing square bars or other flats welded to windows, ventilators etc.	Kg	100.00			
55	Supply and fixing in cement mortar welded hand railing made out of MS round or square bars, flats etc. for staircase or verandah as per design complete in all respect (wooden or PVC hand railing to be paid extra) with priming coat of red oxide.	Kg	500.00			
56	Providing and fixing 1mm thick M.S. sheet shutters with frame & diagonals braces of 40 x 40 x 6mm. angle iron 3mm M.S. gusset plates at the junction and corners, 25mm dia pulley 40x40x6mm angle and T-iron guide at the top and bottom respectively including applying a priming coat of approved steel primer.	Sqm	3.00			

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
57	Providing and fixing steel glazed window frame made out of 80x40 mm hollow sheet section of 16 gauge thickness, joint mitred welded and grinded including hold fast of steel lugs 13mm x 3mm and 15 Cm long embedded in C C block 15 x 10 x 10 Cm of 1:3:6 nominal concrete and including fixing of pivoted hinges of superior quality, window shutters made out of 50 x 25.0 mm hollow steel section 15 mm paitam of 18 gauge thickness, joint mitred and grinded including 10mm x 10mm square bars welded to frame for paitam fixing float glass 4mm thick panes with glazing clips and metal sash putty and fixing of shutters frames peg stay, U shape handle 100 mm long, tower bolts 100 mm long of steel powder coated superior quality including fixing and jointing with frame hinges priming coat with steel primer complete in all respect as per direction of Engineer-in –charge					
(a)	Window openable.	Sqm	27.00			
58	Providing and fixing welded mesh/expanded metal mesh in frame work, flat iron beading 20x3mm including top cross laps inside and out sides welding, iron bolts, crews, clips etc. complete (excluding frame work) of size. Welded mesh 50 mmx 25 mm x 2.1 mm					
		Sq.m	27.00			
59	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats,or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	Kg	150.00			
Sub-Total (Steel work)						
10. Sub-Head:- Electrical work						
60	Supply and fixing GI/MS fan box in RCC slab for fixing ceiling fan complete in all respect	Each	20.00			
61	Supply and fixing GI/MS deep junctions in RCC slab for fixing ceiling lights complete in all respect	Each	35.00			
62	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 3X 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 size G.I. box etc as required.	Each	35.00			
63	Wiring for twin control light point with 3x1.5 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 etc as required.	Each	15.00			
64	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	RM	40.00			
(b)	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	RM	45.00			
(c)	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	RM	30.00			
(d)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	RM	20.00			
65	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	25mm	RM	35.00			
b	32 mm	RM	25.00			
c	40mm	RM	15.00			
66	Supplying and drawing following pair 0.5 sq. mm FR PVC insulated annealed copper conductor,unarmoured telephone cable in the existing surface/recessed PVC conduit as required.					
(a)	2 pair	RM	50.00			
(b)	4 pair	RM	50.00			

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
67	Supply and fixing of RJ11 modular Telephone outlet in d M.S. Box and Modular Plate including cost of M.S.box, modular plate and connections etc as required.	Each	5.00			
68	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.	Each	5.00			
69	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.	Each	5.00			
70	Wiring for 3 nos. 5 pin 6 A Light plug point controled by 6 A Switch with 3 x 2.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3nos.5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, complete as per specifications and as required.	Each	5.00			
71	Wiring for following. 16 A Socket controlled by 1 No. 16A Switch with 3 x 2.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surfacePVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 20 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, complete as per specification and as required.	Each	5.00			
72	Wiring for 5 pin 6 A Light plug point with 3 x 1.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface FRLS PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, complete as per specifications and as required.	Each	5.00			
73	Wiring for MCB controlled Light Point with 3 x 1.5 Sq. mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in PVC surface/recessed conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting.	Each	2.00			
74	Wiring for 20A Single Phase metal clad socket outlet with 2 x 4 +1 x 2.5 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 20A 3pin metal clad plug and socket and 20A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.	Each	1.00			
75	Wiring for 32A Single Phase metal clad socket outlet with 3 x 6 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 32A 3pin Metal clad plug & socket and 32A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.	Each	1.00			
76	Supplying and fixing single wall mounted 18/22 watt LED type batten fitting complete with electronic driver and LED tube etc directly on wall/ ceiling including connections with 1.5 sq.mm FR PVC insulated copper conductor and earthing the body etc. as required.	Each	20.00			

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
77	Supplying, Laying, testing & commissioning of the following sizes of XLPE Al. Conductor armoured cables of 1.1KV grade conforming to IS 7098 on the surface of wall or on existing cable trays with 2 Nos 10 swg GI ECC by GI bar and saddles on wall/floorpass through class B GI pipe complete with hangers, properclamps fixing hardware etc. as required					
a	4 C x70 Sq. mm Al. Cable	RM	0.00		350.00	0.00
b	4 C x 25 Sq. mm Al. Cable	RM	20.00			
c	4 C x 10 Sq. mm Al. Cable	RM	20.00			
d	4 x 16 sqmm Copper Wire with 50 mm conduit	RM	10.00			
e	2 x 16 sqmm Copper Wire with 32 mm conduit	RM	15.00			
78	Suppling, making, testing & commissioning of end termination with brass mettalic double compression glands suitable for the following sizes of XLPE Al. conductor armoured cables including proper sizes of copper thimbles etc. as required.					
a	4 C x70 Sq. mm Al. Cable	Each	0.00			
b	4 C x 25 Sq. mm Al. Cable	Each	4.00			
c	4 C x 10 Sq. mm Al. Cable	Each	4.00			
d	4 x 16 sqmm Copper Wire with 50 mm conduit	Each	4.00			
e	2 x 16 sqmm Copper Wire with 32 mm conduit	Each	4.00			
79	Supply and installation of following sizes of perforated GI cable tray made cut of 2 mm thick GI sheet, suspended from the ceiling or fixed on wall/column etc complete with suspenders, runners and fixing hard ware etc. as required.					
a)	50 mm x 300mm x 50 mm	Mtrs	5.00			
b)	50 mm x 150 mm x 50 mm	Mtrs	5.00			
80	Supply and fixing of following sizes of Raceway fabricated out of 2mm thick G.I. Sheet in floor or in vertical low voltage shaft including fixing hardware, making recess in floor and repair after fixing the raceway complete as required. (For Low Voltage Systems)					
(a)	50 mm x 35mm	Mtrs	3.00			
(b)	100mm x 35mm	Mtrs	3.00			
81	Supply and fixing following sizes of floor boxes fabricated out of 2 mm thick G.I. Sheet with cover plate in floor.					
(a)	75 mm x 75 mm x 75 mm	Nos.	3.00			
(b)	110 mm x 75 mm x 75 mm	Nos.	3.00			
82	Supply & installation , testing & commissioning of 48" ceiling Fan complete with all accessories such as blades, canopy etc. including wiring the down rod with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires and earthing the fans etc. complete as required.	Each	5.00			
83	Supply & installation, testing & commissioning of 12/9" exhaust fans on existing opening in wall including all fixing hardware, louvers, shutters etc. Connection with 3 x 1.5 Sqmm FRLS PVC insulated multistranded copper conductor wire from the socket outlet to the fan earthing etc. complete as required.	Each	4.00			
84	Supply & installation , testing & commissioning of wall Mounted Fan 400mm Sweep . complete with all accessories such as blades, canopy etc.Connection with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires from the socket outlet to the fan earthing etc. . complete as required.(Wall Mounted Fans Bracket fans sweep 400 mm)	Each	5.00			
85	Supplying, installation, testing & commissioning of following type wall mounted Horizontal TPN/SPN distribution board of double door type design made out of 16 gauge MS sheet with supplying and fixing following accessories including painting, interconnections, painting, earthing and labeling etc. as required.					
1	6 WAY TPN DB (PDB)					
	Incoming					

S.N	Item	Unit	Qty	Rate to be quoted in words	Rate to be quoted in figure	Amount (Rs)
a)	63Amp TPN MCB (10KA) - 1 No					
	Outgoing					
a)	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Each	1.00			
	Neutral links - 3 Nos (Separate for each phase)					
2	6 WAY TPN DB (LDB)					
	Incoming					
a)	40Amp TPN MCB (10KA) - 1 No					
	Outgoing					
a)	10/16/20/25 Amp SP MCB (10KA) - 18 Nos	Each	1.00			
	Neutral links - 3 Nos (Separate for each phase)					
86	Supply & fixing the following size of PVC conduit in Floor/Surface of wall, including cutting the Floor/Wall and make the good the same as required (For Switcher to Data point.)					
a)	25 mm dia	Mtrs	25.00			
87	Supply and fixing square face plate MS housing box with RJ-45 socket etc complete. Each point to be marked with ferrules. dully recessed in wall/partition	Nos.	5.00			
88	Supply and drawing of CAT- 6 UTP cable from system room to individual points to be fixed on walls/partitions/wooden tables in 25 mm PVC conduit with suitable clamp and saddles and other accessories required making connection on both the ends.	Mtrs	75.00			
89	Providing and fixing patch cords					
(a)	1m length	Each	5.00			
(b)	2m length	Each	5.00			
Sub-Total (Electrical work)						
Grand Total						

Date:-
Place:-

(Signature of the Bidder with Seal)