

Bill of Quantities**Name of work :****Renovation of the Bank Owned Residential Flats at Jawahar Nagar, Jaipur**

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
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1. Sub-Head:- Flooring work

1	<p>P & F 1st quality Heavy Duty Vitrified Double Charged 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 on existing flooring with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477 , using 5kg. adhesive per sqm of tile area, in average 3mm thickness instead of cement mortar. (Basic cost of tile :- Rs 600-650 Per Sq.m)</p> <p>Size of tile:- 600mmx600mm</p> <p>Note:- The tiles should be laid on level floor by making the existing floor level by the use of adhesive as per site condition. No extra payment shall be admissible for leveling work. This work also includes providing and fixing skirting 100mm height . Only plan area shall be considered for payment purpose. The shade and make of the tile will be approved by the Bank/Architect</p>	Sqm	835.00		
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S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
2	Providing and fixing 1st quality MAT finished ceramic tile 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). (Basic cost of tile :- Rs 300-350 Per Sq.m) The shade and make of the tile will be approved by the				
	Size 300mm x450 mm (Floor Tile)	Sqm	85.00		
	Size 300mm x600mm (Wall Tile)	Sqm	396.00		
3	Providing and fixing Granite stone slab (18 -20) average thickness 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. (Basic cost of Granite :- Rs 1800-2000 Per Sq.m)	Sqm	105.00		
	South (Jet Black)				
4	Providing half edge round moulding to granite work as per requirement complete in all respect	RM	50.00		
5	M-30, 60 mm thick to be used in non traffic areas like building premises, monument premises, land scapes, public gardens/ park, domestic drives, paths and patios, Embankment slopes, sand stabilization Area etc.(As per table 1 of IS 15658:2006				
	Category A Denated units to key into each other on four faces zigzag shape as per IRC SP 63:2004	Sqm	50.00		
Sub-Total (Flooring work)					

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
2. Sub-Head:- Masonry and Plaster work					
6	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	1115.00		
Sub-Total (Masonry and Plaster work)					
3. Sub-Head:- Concrete work					
7	Providing and fixing up to floor five level cast in situ cement concrete string or lacing courses, copings, bed plates, anchor blocks, windows sills, shelves, louvers steps, staircases, etc. including carriage, hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand) cost of required centering, shuttering and finishing smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surface including all T & P curing etc. complete.				
	M-10 (1:3:6) Grade of concrete	Cum	5.00		
	M-15 (1:2:4) Grade of concrete	Cum	3.50		
Sub-Total (Concrete work)					
4. Sub-Head:- Structural Steel work					
8	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	2200.00		
5. Sub-Head:- Water Proofing and Antitermite Treatment work					

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
9	Providing and Applying ACRYLIC emulsion polymer waterproofing chemical coating, on over roof on over roof slabs/terrace/balconies/parapet wall etc.with following method/specification: Paint the surface with regular paint brush so as to obtain approximately 0.3mm thickness coating. apply the 2nd coat next day at right angles to the 1st coat so that total thickness of the coating should be approximately 0.6mm coverage by using above formulation will be 40 ft ² / litre of chemical. painted surface does not require any external water curing since chemical will hold sufficient water for curing.After the primer coat Apply 2 coats of modified acrylic emulsion polymer water proofing compound having solar heat reduction properties coating @ 0.330 KG/SQM on the surface of the interval of 3-4 hours. Undulation on the surface is repair	Sqm	580.00		
10	P& A anti termite treatment along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300mm including excavation channel along the wall & rodding etc. complete: With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	RM	500.00		
11	Anti-termite treatment of existing floor and wall using Imidacloprid 30.5% EC non repellent, odorless, low dose, environmentally safe Termiticide with rapid action non corrosive stain free, by injecting the emulsion as per specification and plugging with cement mortar 1:2 (1 cement : 2 coarse sand) in the whole floor area. The pesticide emulsion of imidacloprid 30.5% EC mixed with water in the ration of 1:474 will be pumped by a motorized spray pump specified manner. The net floor and wall area treated will be measured	Sqm	250.00		
Sub-Total (Water Proofing and Antitermite work)					

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
6. Sub-Head:- Painting work					
12	External Painting				
	Providing and applying two coats of fibre reinforced elastomeric self priming damp proof coating of approved make (Asian Paints smart care advanced or equivalent) and two coats of exterior acrylic emulsion paint of approved make (Asian paint apex or equivalent) colour as per manufactures specifications to textured sand faced or other surface upto 10 m height from ground level and at all locations as directed including preparing surfaces for painting by any approved means , scaffolding, cleaning and curing etc complete as directed by Bank/Architect including preparing and finishing plastered wall surface /concrete surface in line and level for acrylic paint by scrapping/removing the old paint if any with wire brush or blades and rubbing with sand papers as required , filling in cracks in cement mortar 1:3 , filling the cracks with premium quality water proof acrylic fibre reinforced crack sealer complete job	Sqm	800.00		
13	Internal Painting works				

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
	Providing and applying first single coat of approved primer and two coats of acrylic emulsion paint of an approved make (Asian Paints Tractor Emulsion or equivalent) and colour as per manufactures specifications to any surface at all heights and locations as directed including scaffolding , cleaning and preparing surfaces for painting by any approved means etc complete as directed by Bank/Architect including for praparing and finished plastered wall surface/concrete surfaces for plastic emulsion paint by scrapping/removing the old paint if any with wire brush or blades and rubbing with sand papers as required , filling in cracks in cement mortar 1:3, applying the whole surface with mixture of whiting powder or plaster of paris filling the cracks with premium	Sqm	3200.00		
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade on existing MS railing followed by primer etc complete job to the satisfaction of the Bank.	Sqm	247.00		
Sub-Total (Painting work)					
7. Sub-Head:- Sanitary and Water Supply work					
15	P & F White Vitreous China <i>Double Syphonic European W.C.</i> (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. (Cistern shall be concealed inside the wall). The shade and make of the WC will be approved by the	Each	18.00		
16	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 .The shade and make of the WC will be approved by the Bank/Architect				

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
	Size 610 mm x 510 mm	Each	27.00		
17	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	9.00		
18	P & F Jet spray for water closet with C.P. Copper Tube flange of approved make.	Each	18.00		
19	P & F SS Grating of 125 mm dia of approved quality/make	Each	54.00		
20	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	108.00		
21	Providing and fixing 2 way CP brass bib cock of approved make conforming to IS 8931	Each	27.00		
23	P & F C.P. Pillar cock, Swan-neck with casted spout, 15mm nominal bore.	Each	9.00		
24	P & F Ball Cock (IS :1703 mark) with rod & PVC Ball complete				
	Brass wt not less than 1000 gm 40mm	Each	15.00		
	Brass wt not less than 1200 gm 50mm	Each	15.00		
25	P & F Bath Shower of approved quality/make.	Each	9.00		
26	P&F Shower arm	Each	9.00		
27	P & F 15 mm. Dia Connection Pipe of approved quality/make : upto 600 mm length	Each	27.00		
28	P & F Mixing Range (15mm)				
	C.P. wall mixer telephonic type crutch & telephonic shower.	Each	18.00		
29	P & F Bottle Trap of approved make :	Each	27.00		
	CP Brass 32/40 mm				

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
30	<p>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.</p> <p>(Concealed work including cutting chases and making good the walls etc.) . All works including Tee, Bends, elbow etc are included under this item</p>				
	Concealed pipe in wall including painting with anticorrosive bitumen paint				
	20 mm nominal outer dia pipes	RM	150.00		
	25 mm nominal outer dia pipes	RM	67.50		
31	<p>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings, this included jointing of pipes & fittings with one step CPVC solvent cement , trenching refilling & testing of joints complete as per direction of Engineer in Charge. All works including Tee, Bends, elbow etc are included under this item</p>				
	25 mm nominal outer dia pipes	RM	67.50		
	40 mm nominal outer dia pipes	RM	165.00		
	50 mm nominal outer dia pipes	RM	90.00		
32	<p>P & F Stop Cock (IS :8931 Mark), superior quality & of approved make:</p> <p>Brass Concealed Stop Cock 15mm.</p>	Each	27.00		
33	<p>P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :</p> <p>Gun metal- 25mm nominal bore.</p> <p>Gun metal- 40 mm nominal bore.</p>	Each	9.00		
		Each	9.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
	Gun metal- 50 mm nominal bore.	Each	9.00		
34	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. This work also includes the cost of providing and fixing of coupler(sockets)/reducer/plain Tee/Door Tee/Door Y/Bend (45/87.5 degree/door bend/Vent Cowel/Socket plug/Door cap/pipe clip etc . No extra payment on account of pipe specials shall be admissible under this item. The payment will be given on running meter basis				
	75mm dia.	RM	81.00		
	110 mm dia	RM	171.00		
	160mm dia.	RM	90.00		
35	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:				
	P-Trap-110 mm dia.	Each	15.00		
	Q-Trap-110 mm dia.	Each	15.00		
	S-Trap-110 mm dia.	Each	10.00		
	Gully Trap-110 mm dia.	Each	15.00		
36	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				
	Depth up to 1.0 M	Each	6.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
37	Construction of Man hole, in all types of soil, inner size 1.5 x 1.2 M, with 450mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20mm thick inside plaster in CM 1:6, finished with floating neat cement, 50 mm thick M-15 grade C.C. flooring making channels, 80 mm thick stone slab covering with 40 mm thick M-15 grade C.C. flooring, Ferro Cement cover with frame of 450mm dia, earthwork etc. complete including disposal of surplus earth within 50 mtr. lead as per design :				
	Depth up to 1.5 M	Each	3.00		
38	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 insider 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 50 mtr. lead as per design :				
	Inside size 300 X 300 mm depth upto 0.5 M Cement cover with frame.	Each	9.00		
	Inside size 450 X 450 mm depth upto 0.5 M Cement cover with frame.	Each	9.00		
	Inside size 600 X 450 mm depth upto 0.5 M Cement cover with frame.	Each	9.00		
Sub-Total (Sanitary and water supply work)					
8. Sub-Head:- (Aluminum Windows a work)					

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
39	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 - for shutters of sliding aluminum windows				
(a)	Powder coating aluminum (minimum thickness of powder coating 50 micron) . The colour of powder coating will be approved by the Bank/Architect	Kg	650.00		
40	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) With float glass panes of 5.0 mm thickness (weight not less than 13.50 kg/sqm)	Sqm	85.00		
Sub-Total (Aluminum Windows work)					
9. Sub-Head:- Dismantling and Repair work					
41	Dismantling doors, windows and clearstory windows steel or wood shutter including chowkhats and holdfasts etc. complete and stacking within 50 meters lead.	Each	162.00		
42	Dismantling tile work in floors and roofs laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead: (for thickness of tiles 10 mm to 25mm)	Sqm	550.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
43	Dismantling GI pipes (external and internal work) including excavation and refilling trenches after taking out the pipes and including stacking of pipes within 50 meter lead.	RM	270.00		
44	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meter lead.	Sqm	750.00		
45	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge (in cement mortar)	Cum	10.00		
46	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge 1: 4: 8 or leaner mix.	Cum	40.00		
47	Repair to stone masonry in cement sand mortar 1:6 with old and new stone.	Sqm	50.00		
48	Repair to brick masonry in cement sand mortar 1:6 with new brick.	Sqm	100.00		
49	Making holes in stone masonry wall upto 450 mm x 450 mm size and making good in CM 1:6.	Each	45.00		
50	Repair of existing steel glazed doors, windows and ventilator, MS sheet door, garge doors, compound wall gates etc. by welding drilling complete include. Cost of welding rods and hire charge of welding meachine and TP etc complete	Sqm	9.24		
51	Making of hole in R.C.C. slab/wall/beams and masonry wall (width up to 450 mm) by core cutting machine complete as per direction of EI From diameter 100mm to 150mm	Each	18.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
52	Repair to damaged RCC slabs, beams and columns etc for strengthening with cement mortar 1 : 2 in following steps i) Chopping losse and cracked concrete to required depth, cleaning the exposed surface of steel and concrete with wire brush and sand papering , cleaning of concrete surface with water as necessary and getting dried. ii) Applying Epoxy primer on the exposed steel bars. iii) Applying Epoxy hardener and resin mix (as per manufactured's specification) on concrete and steel bars with brush. iv)Spreading dry cement mortar 1 : 2 mix over epoxy treated wet surface and allow it to dry for one day. v) Plastering the surface with cement sand mortar 1 : 3 upto depth of 30mm complete. vi) Cure the	Sqm	45.00		
53	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. metres 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 within 50 m lead : With cement mortar 1 :4 (1 cement : 4 coarse sand)	Sqm	150.00		
54	Dismantling toilet accessories such as WC, wash basin, internal chambers etc including disposal of rubbish to the dumping ground within 50 meter lead.	LS	1.00		
55	Removing the existing MS windows of the flats carefully and stacking at suitable location as per directions of the Bank including repairing the existing surface with proper cement mortar plaster /brick work wherever required complete job in	LS	1.00		
56	Removing malba from site to the suitable location upto 1.5 to 5 KM distance from tractor trolley as per directions	Trips	40.00		
57	Salvage Value of Scrap Steel (Less for Buy Back)	Kg	500.00		
Sub-Total (Dismantling and Repair work)					

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
10. Sub-Head:- Electrical work					
58	Rewiring/wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked (IS:9537 P - II) rigid steel/PVC conduit & it's ISI marked (IS:14768 P-II 2003) marked accessories, round tiles, 1.2 mm thick MS/GI box with earth terminal, pvc bushes, check nuts, Al.alloy / Cadmium plated iron/ brass screws, cup washers, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR. (Cost of Modular plate/switch/socket shall be payable extra under seperate head). The cost of PVC conduit/bend shall be included in this item. The cost of providing and laying circuit wiring (2X2.5Sq.mm+1X1.5Sq.mm) in PVC conduit will also be included in this work. No extra payment shall be admissible for circuit wiring.The cost of fan regulator shall be included in this item which is to be provided on				
	Short point (up to 3 mtr.)	P.Point	140.00		
	Medium point (up to 6 mtr.)	P.Point	112.00		
	Long point (up to 10 mtr.)	P.Point	28.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
59	<p>Rewiring/wiring of twin control light / Fan / Call bell point with 2x1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked (IS:9537 P - II) rigid steel/PVC conduit & it's ISI marked (IS:14768 P-II 2003) accessories, round tles, 2 Nos 1.2 mm thick MS box with earth terminal, pvc bushes, check nuts, Al.alloy / Cadmium plated iron/ brass screws, cup washers, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR</p> <p>(Cost of Modular plate/switch/socket shall be payable extra under seperate head).The cost of PVC conduit/bend shall be included in this item. The cost of providing and laying circuit wiring (2X2.5Sq.mm+1X1.5Sq.mm) in PVC conduit will also be included in this work. No extra payment shall be admissible for circuit wiring. The cost of fan regulator shall be included in this item which is to be</p>				
	Short point (up to 3 mtr.)	P. point	45.00		
	Medium point (up to 6 mtr.)	P. point	35.00		
	Long point (up to 10 mtr..)	P. point	10.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
60	<p>Rewiring/wiring of 3/5 pin 6 amp. Light plug point with 2.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) in recessed ISI marked (IS:9537 P - II) rigid PVC/steel conduit & it's ISI marked (IS:14768 P-II 2003) accessories, required size 1.2 mm thick , G.I. box with earth terminal, 6 A switch, 3/5 pin 6 A socket, 3.0 mm thick ISI marked (IS:2036-1995) phenolic laminated sheet, pvc bushes, check nuts, Al.alloy / Cadmium plated iron/ brass screws, cup washers, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/ Wiring accessories refer Chapter E - 04, E - 05 & E - 07 For additional technical parameters of product / work refer Annexure 'A' attached with this BSR</p> <p>(Cost of Modular plate/switch/socket shall be payable extra under seperate head).The cost of PVC conduit/bend shall be included in this item. The cost of providing and laying circuit wiring (2X2.5Sq.mm+1X1.5Sq.mm) in PVC conduit will also be included in this work. No extra</p>				
	On board	P. point	117.00		
	Short point (up to 3 mtr.)	P. point	18.00		
	Medium point (up to 6 mtr.)	P. point	10.00		
	Long point (up to 10 mtr..)	P. point	6.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
61	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130 : 2013 of 1.1 kV grade . Wire should be made from 99.90 % purity copper, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt loss , oxygen free for less chances of oxidization, insulation PVC type A/C/D , flame retardant as per IS 10810-53, better amperage rating as per IS:3961 part 5, in existing surface or recessed PVC/ MS conduit/casing capping making connections with Copper Lugs of suitable size, Ferrules,testing etc. as required. OEM Must have its own in house NABL lab setup for all testing facilities for wires. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR (Circuit Wiring).The				
	2 x 6.0 sq. mm. + 1 x 4.0 sq. mm.	Mtr.	50.00		
	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	Mtr.	720.00		
62	S&F following sizes (dia.) of ISI marked virgin material MMS (IS:9537 P - III) PVC conduit along with ISI marked (IS:3419-1988) accessories as required in recess including cutting the wall, covering conduit and making good the same as required. For additional technical parameters of product /				
	25 mm	R. mtr.	270.00		
	32 mm	R. mtr.	135.00		
63	Providing & Fixing of following size mounting grid plates with cover plates made from fire retardent UV established high performance engineering plastic suitable for all universal metal boxes for front installation & removal direct fit type complete in all respect.All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .				

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
	1/2 Module	Each	108.00		
	3 Module	Each	126.00		
	4 Module	Each	27.00		
	5 Module	Each	9.00		
	6 Module	Each	36.00		
	8 Module	Each	27.00		
	10/12 Module	Each	27.00		
64	Providing & Fixing of modular type lockable feature socket duly made out of unbreakable and fire retardant vergin poly carbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating , including all as per pre approved by Engineer in charge,making connections, testing etc. as required. For additional technical parameters of product / work refer Annexure 'A' attached with this BSR				
	6 A 3/5 pin shuttered socket	Each	117.00		
	16 A shuttered socket	Each	45.00		
	25 Amp. 2 Module Socket	Each	36.00		
65	Providing & Fixing of modular type switch/ bell push duly ISI marked (IS :3854) with CM/L no. printed and made out of unbreakable and fire retardant vergin UV Stabilized Polycarbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating ,minimum width of switch toggle(PUSH PART) should not less then 20mm, including all as per pre approved by Engineer in charge,making connections, testing etc. as required. For additional technical parameters of product / work refer				
	10 A one way switch	Each	360.00		
	10 A two way switch	Each	90.00		
	10 A bell push	Each	9.00		
	16 Amp. 2 Module switch With Led Indicator	Each	117.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
	32 Amp. 2 Module switch With Led Indicator	Each	36.00		
66	P&F exhaust fans 230/300 mm dia in toilet/kitchen area including making connections complete in all respect	Each	36.00		
67	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				
	4 WAY TPN DB (PDB)				
	Incoming				
	63Amp TPN MCB (10KA) - 1 No				
	Outgoing				
	10/16/20/25 Amp SP MCB (10KA) - 12 Nos	Each	9.00		
	Neutral links - 3 Nos (Separate for each phase)				
68	Providing & Fixing of ISO certified company made TP&N 415 V side handle operated double break fuse switch unit in sheet steel enclosure as per PWD specification for electrical Works conforming to IS/IEC 60947-3 : 1999 (W/O HBC fuses) including making connections with suitable lugs, testing etc. as required. Appropriate type test certificate / OEM test report shall be submitted . All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .				
	200 A rating	Each	2.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
69	Plate Earthing as per IS:3043 with copper Earth plate of purity >95% of size 600mm x 600mm x 3.0mm by embodying 3 mtr. below the ground level with 20 mm dia. G.I. 'B' class watering Pipe ,including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and Heavy duty weather proof poly-propylene earth pit chamber with lockable Jam free lid suitable for safe working load 5000 Kg or more of size Top Dia. 225 to 260 mm, Bottom Dia 300 to 350 mm. and Height 250 to 300 mm. and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance for value of 5 ohms or less as required & must record by engineer in charge during site visit and ensure to enter in measurment book. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .	Each	5.00		
70	Supply & Laying following size earth wire in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection with GI/Cu purity purity >95% thimble etc. as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR .				
	8 SWG tinned copper Wire	Rm	20.0		
Sub-Total (Electrical work)					
11. Sub-Head:- Wooden and allied work					

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
71	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 100mm x75 mm 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	Sqm	164.43		
72	Providing and fixing over head storage cabinet in kitchen area 380mm deep and 675mm high length as/deign as shown in details with all sides, shelves to be 18-19 mm thk. BWR ply with 6mm BWR ply to be fixed at the back with 0.8mm liner laminate inside the box. The shutters to be 18-19mm BWR ply, with 1.0 mm laminate outside and 0.8 mm liner laminate inside.. All internal surfaces to be finished with 0.8 mm laminate (liner). All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, self closing hinges etc. complete to the satisfaction of Architect /Bank's Engg. Only front	Sqm	39.96		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
73	Providing and fixing storage unit with 18-19 mm BWR ply box inside having 450-600 deep and 2100mm high length as/deign as shown in details with all sides, shelves to be 18-19 mm thk. BWR ply . The shutters to be 18-19mm BWR ply, finished with 1.0 mm laminate outside and 0.8 mm liner laminate inside. All internal surfaces to be finished with 0.8 mm laminate (liner). The provision of drawer units run on telescopic channel (Minimum 2 channels/unit) will also be provided as per drawing.All edges of sides, shelves and shutters to have TW lipping as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. Only front elevation	Sqm	41.71		
74	Providing and fixing storage cabinet (below platfrom) in kitchen/pantry. The box unit and front shutters to be 18-19mm BWR ply finished with 1.0 mm thk laminate. The provision of car case unit/bottle unit etc is also be provided in this work as per drawing of the Architect. The provision of sliding channels as per requirement also to be provided. The inside surface shall be finished with 0.8 mm laminate (Liner).All edges of shutters to have 2mm PVC Edge binding tape /TW lipping as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. Only front elevation to be considered for area calculation.All internal surfaces to be	Sqm	24.70		
75	Providing and fixing Marble stone partition for Kitchen platform table rubbed, 15-18 mm thick over 20mm (Av.) thick base of CM 1:4 (1 cement : 4 coarse sand) jointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. (Average rate of Marble Rs 400 to 450 Sqm)	Sqm	90.00		

S.No.	Item	Unit	Qty	Rate to be quoted/unit	Amount (Rs)
76	Repairing the existing underground water tank by repairing the surface either by masonry/cement mortar plaster/concrete guiniting etc with provision of admixer suitable for water retaining structure complete in all respect	No	2.00		
Sub-Total (Wooden and allied work)					
Grand Total (Sub Head 1 to 11)					

Date
Place

(Signature of Bidder with Seal)

Internal