

SCHEDULE OF QUANTITIES FLAT NO. 8 FOR NIPFP, NEW DELHI

(A) DISMANTLING, CONCRETE & WATER PROOFING

S.No	Particulars	Quantity	Unit	Rate	Amount
	Dismantling kitchen counters and kitchen wood work, floor tiles, wall tiles etc.				
1	Dismantling existing brick wall, RCC counter in kitchen, plaster, floor/wall tiles (preparing floor surface for new tiles), kitchen cabinets, doors, toilet fixtures, pipe lines (if required), floor top finish wherever required, electrical wiring (after taking prior approval from architect and store the same to NIPFP stores), removing of old tile chips laid in terrace and old waterproofing along with all related substances including scrapping and properly cleaning the surfaces to remove loose particle's with wire brush etc complete as per directions of the architect/client and staking mulba at site and dumping the same at authorized Municipal dumping grounds including all lifts and leads. Contractor to verify all Dismantling on site before quoting the same and relate the same with the dwg. Lump sum including dismantling of floor/wall tiles of 3 nos. toilets, including furniture in 1no. kitchen, 4 no. bed rooms & 1 no. drawing room, terrace Waterproofing, removal of ceiling fan etc. as per instructions of the architect.	1	Lumpsum		
2	Buy-back of dismantled items (as specified by NIPFP) .	1	Lumpsum		
TOTAL OF DISMANTLING, CONCRETE AND WATER PROOFING CARRIED OVER TO SUMMARY					
(B) ANTI-TERMITE TREATMENT					
1	Supplying chemical emulsion in sealed containers including delivery as specified.				
1.1	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	2.00	One Litre		
2	Treatment at points of contact of wood work by chemical emulsion Chlorpyriphos/ Lindane (in oil or kerosene based solution) @ 0.5litres per hole by drilling 6 mm dia holes at downward angle of 45degree at 150 mm centre to centre and sealing the same.	30.00	r.m.		

TOTAL OF ANTI-TERMITE TREATMENT CARRIED OVER TO SUMMARY					
(C) FLOORING WORK					
S.No	Particulars	Quantity	Unit	Rate	Amount
1	P/F Somany wall tiles of following sizes and shades in 3 no. toilets & 1no. kitchen of flat no. 8 laid in 12mm thick cement plaster 1:3 (1 cement: 3 coarse sand) in dado and 20mm thick cement plaster on floor and jointed with grey cement slurry @ 3.3 kg/sqm in proper line and level including pointing in white cement mixed with pigment of matching shade complete.by tiles laid in proper line and level. The tile to be of approved shade and patterns; no extra payment shall be given for fixing the tiles in narrow width. (The basic cost of tile is Rs60/sft including discount and taxes without transportation) FOR TOILET & KITCHEN WALLS. The model no. are as mentioned below:	36.85	sq.m.		
1.1	Toilet on Ground floor: Tile size: 300x450 mm of model Premio Beige, Glossy & Premio Brown, Glossy (both models would be applicable)				
1.2	Toilet on First floor in front of staircase: Tile size: 250x350 mm of model Lavante Bianco, Glossy & Lavante Grey, Glossy (both models would be applicable)				
1.3	Toilet on First floor in Master bedroom: Tile size: 250x350 mm of model Real Creme, Glossy & Real Wenge, Glossy (both models would be applicable)				
1.4	Kitchen on Ground floor : Tile size: 300x600 mm of model Mirage Crema Glossy & EH 3470 Mirage Crema Beveledge (both models would be applicable)				
2	Providing and laying 10-12mm thick Vitrified tiles of Kajaria/ Somany/ NITCO make of approved shade of approved size in floors laid over 20mm (average) base of cement mortar 1:4 (1 cement :4 coarse sand) required thickness to match finished floor level mentioned and to match the neighbouring floor finish and jointed with epoxy grout of approved shade from Bal Endure or equivalent brand all complete as directed complete. Rate to include forming pattern in the flooring like border, skirting, cut tiles, Protecting of the tile till hand over date by POP., etc all complete as per detailed architectural drawing. (Basic rate of tile : Rs. 1000/- per sq.m. excluding taxes and transportation charges.)	93.42	sq.m.		

3	P/F 300x300 mm of Somany digital floor tiles - of following sizes and models in floors/skirting , tops laid in pidilite tiling adhesive and jointed with white cement slurry @ 3.3 kg/sqm including pointing in white cement mixed with matching pigments, laid in approved pattern as per detailed in drawing including curing, cleaning, material, labour, plant & machinery etc. compete as directed over the existing flooring with roff grout, tiles laid in proper line and level or laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand). Basic cost of tile(project tile cost including taxes & discount is Rs 520 /sq.m. without transportation charges) FOR FLOORING AND SKIRTING IN TOILETS. The model no. are as mentioned below:	18.26	sq.m.		
3.1	Toilet on Ground floor: Tile size: 300x300 mm of model Spice Crema, MATT, GR. 5				
3.2	Toilet on First floor in front of staircase & master bed room: Tile size: 300x300 mm of model Neo Bianco, MATT GR. 5				
3.3	Kitchen on Ground floor : Tile size: 300x600 mm of model Spice Coffee, MATT, GR. 4				
4	Providing and fixing 16-18 mm thick polished, machine cut granite in flooring/risers at existing staircase of required size in threads and riser single piece of approved shade, colour and texture laid over 20 mm thick base cement mortar 1 :4 (1 cement:4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing , Italian mirror polishing , including edge polishing etc. The edges of granite to be bull nosed and polished . There would be three 2 x 2 mm ex groove on treads at edges as per design for making it non slip . (The basic cost of granite is Rs. 250/- per sq.ft. including taxes & discount without transportation charges) . The balusters to be re fixed if necessary. FOR STAIRCASE.	18.00	sq.m.		
TOTAL OF FLOORING WORK CARRIED OVER TO SUMMARY					
(D) FINISHING WORK (WALL / ROOF PAINTING)					
S.No	Particulars	Quantity	Unit	Rate	Amount

1	Wall painting with acrylic emulsion paint of Goodlass Nerolac allscapes brand in satin finish and manufacture to give an even shade to wall and ceiling etc. applied evenly with roller to give approved matt or stippled finish complete, including plastering wall 6mm-12mm plaster, cleaning preparation etc. over coat of primer surface as per manufacturer's specification: Two or more coats on new work and old work including scraping of old paint and disposal of mulba to authorized dumping grounds. (for old and new work including peeling/removing old paint.)	395.00	sq.m.		
2	Providing and applying plaster of paris putty of 4 mm thickness over plastered surface to prepare the surface even and smooth complete upto architect's specification	395.00	sqm		
3	12mm thk. Plastering in repair work (1:4) in toilets/kitchens/bed rooms/ main hall/ common areas/ corridor etc. wherever required mixed with water proofing solution as per architect's approval and satisfaction in areas of seepage and as per material prescribed.	150.00	Sq.m		
	TOTAL OF PAINTING CARRIED OVER TO SUMMARY				

(E)	WOOD WORK,HARDWARE WORK				
	(For bedrooms, toilets, kitchen, staircase etc.)				
S.No	Particulars	Quantity	Unit	Rate	Amount
1	Providing and fixing stainless steel tower bolts of Kich make anodised with necessary stainless steel screws etc. complete: FOR DOORS. 300 x10 mm	10.00	nos.		
2	Providing and fixing cylindrical locks of stainless steel code no. 9843 of godrej make, including all hardware/screws. FOR TOILET.	3.00	nos.		
3	Providing and fixing in position Full Height/low ht. Storage 550mm - 750 mm deep and upto ceiling height with shutters made of 19 mm. thk. commercial ply & shelves made out of 19mm commercial ply. The storage shall be finished externally with 1.0 mm thk premium laminate of approved shade and melamine polish with enamel/plastic base on inner surfaces as per specifications with brass oxidised hinges, tower bolts, magnetic ball catchers, lock, handle (6"- 12" SS handle), SS robe hook on inner sides of shutter and SS hanger rod including making drawer safe with locking mechanism etc. all to be hettich/haffele make complete in all respects as per drawing & instructions of Architect / Bank's Engineer. <u>FOR BEDROOM WARDROBES AND BELOW STAIRCASE AREA.</u>	165.00	sq.ft.		
4	Providing and fixing lever handle with type DORMA TH Series Lever Handle (THPE 1), Lock 271 with 55 mm Back Set and 20 mm forend,Euro Profile Cylinder with bothside key, 20 SS Strike plate with 70mm both side key operated with dead lock , Dorma 278 Dead Lock Type 2 Package, Lock 278 with 55 mm Back Set and 20 mm forend, Euro Profile Cylinder one side key & other side knob, 60mm length 21 SS Strike plate, Escutcheons. <u>FOR DOORS.</u>	6.00	nos.		

5	Modular Kitchen				
5.1	<p>Providing and fixing of modular kitchen cabinet and overhead cabinet with 19 mm thick marine ply conforming to IS 710 pasted with 1 mm thick laminate conforming to IS 2046 on all exposed faces (i.e all faces except those in contact with walls, which shall be painted with synthetic enamel paint), with all Nickel plated steel (or any other superior material) soft close hinges / Stainless steel handles of HAFELE/HETTICH make or approved equivalent, including all partitions, shelves, shutters etc., all as per drawing and direction of the Engineer-in-charge. (Front Area shall be measured for Payment.) Overhead Cabinet 300mm Deep , Below Counter Cabinet 600mm Deep with Accessories including Providing and Fixing in position following Modular Kitchen Fittings / Accessories of approved design, made out of chrome plated steel wire or similar product (of HAFELE/ HETTICH make or approved equivalent) with telescoping channels/ porter (HAFELE/ HETTICH make including Cutlery tray basket with aluminium profile, 1 no. Multipurpose basket (Approx depth 100 mm), 1 no. Multipurpose basket (Approx depth 150 mm) , 2 no. Multipurpose basket (Approx depth 250 mm), 4 no. Bottle pullout, 2 no. Grain Trolley, 1 no. Corner Unit. Cost to also include PROVIDING, FIXING, INSTALLING, TESTING AND COMMISSIONING of STOCK POT STOVE (24x24x24 inches) Nos. 6 Structure 40x40x4mm MS angle duly painted with rust proof paint. The top 16 Swg. S.S. Sheet with 01 nos. Side covering made of 20 Swg. S.S. Sheet all complete as per approval of the architect.</p>	8.22	sq.m.		
6	P/F low/full height 2'-0" deep (area calculated as length x height) in toilet as /	23.00	sq.ft.		
	<p>dwg.made up of 18mm marine ply shutters with 1 mm thick laminate on all exposed faces or teak face shutters , sides & shelves with drawers upto 4'-0" height on hettich/haffle telescopic channels with melamine polished teakwood ¾"x ½" mouldings on margin and 1½"x 1"teak wood . moulding on all edges sides and at 2" high skirting level . 9 mm marine plywood back, and melamine polish with enamel/plastic base on inner surfaces, mounted on ss hinges hettich make, including godrej locks. C 4" stainless steel handles Kich make , and magnetic ball catchers with necessary hardware. hinges, locks and handles as per architects instructions as per design . <u>FOR 3 NO. TOILETS- COUNTER BELOW BASIN</u></p>				
TOTAL OF WOOD WORK ,HARDWARE WORK CARRIED OVER TO SUMMARY					

(F) SANITARY WORK					
S.No	Particulars	Quantity	Unit	Rate	Amount
1	Providing and fixing ivory vitreous china wall hung water closet European type (Aria Code: ARS-WHT- 0110, Wall Hung - WC, Size (mm) 350 x355 x 570 JAQUAR MAKE) with seat and lid, with flush valve system of jaquar make Code: CIS-CHR-31191510X Control Plate Smarty, Design All Chrome with 32mm control cock and elbow set complete with adjustable sleeve and wall flange including Wall Mounted Frame With Installation Kit (Code: CIS-WHT-31801022) and Slim Concealed Cistern Body Only (Code: CIB-WHT-31801011X) with C.P. brass hinges and rubber buffers, with fittings and Unions etc., complete painting wherever required and cutting and making good the walls and floors: W.C. pan with white plastic seat and lid with all pipes in c.p brass etc . with necessary trap, including spray jet. (ALL COMPLETE OF JAQUAR MAKE) FOR TOILETS	3.00	nos.		
2	Providing and fixing Florentine basin Jaquar make FLS-WHT-0539, Table Top Basin, Size (mm) 120 x 510 x 355 single hole 15mm C.P. brass jaguar with ARIA SERIES Single Lever Basin Mixer code: ARI-39051B ,including c.p jaguar waste coupling 32 mm (code no 709, c.p jaguar bottle trap european type 32mm , code :ARI-39053 one numbers angular stop cock with flange including necessary c.p brass steel tubes i.e Providing and Fixing 30cm long 15mm nominal bore C.P. copper connection pipe with C.P. unions) FOR TOILETS	3.00	nos.		
3	P & F jaguar toilet paper holder with flap (recessed type) Code: AKB-35753 Toilet Roll Holder of Kubix series with C.P. brass screws . FOR TOILETS	3.00	nos.		
4	P & F jaguar Code: AKB-35781F Towel Rack of Kubix series jaquar make complete with wall brackets fixed to PVC cleats with C.P. brass screws. FOR TOILETS	3.00	nos.		
5	a) Providing & fixing c.p Sink Mixer Code: SOL-6309 jaquar make sink mixer with swinging spout as applicable. (FOR KITCHEN)	1.00	nos.		
6	P/F SS jali on floor trap. FOR TOILETS & KITCHEN	10.00	nos.		
7	P/F 6 mm thick float glass mirror bevelled edge of approved quality over 1/2" water proof bwr ply with 3"x 1 1/2" th ivory coast teak wood frame with melamine polish as per approved sample. (TOILET MIRRORS)	2.00	sq.m.		

8	a)Providing & Fixing jaquar make ARI-39041 Two Way Bib Cock with Wall Flange c.p with cover caps etc complete all fittings inclusive. FOR TOILETS	3.00	nos.		
	b) Providing and fixing 15mm C.P brass 041 two-way bib tap with C.P brass threaded flange complete, including cutting and making good the walls wherever required. FOR TOILETS & KITCHEN	4.00	nos.		
9	Providing and fixing fixed health faucet including 15mm dia flexible connection from angle valve to health faucet, complete as required. (jaguar make ALD-573)	3.00	nos.		
10	P/F jaguar Overhead shower Code: OHS-1805 Overhead Shower, 150X150mm diafitting, including all hardware/screws.	3.00	nos.		
11	P/F jaguar Wall mixer with telephonic shower arrangement only with telephone shower cruth Code: CON-217KN Wall Mixer,Telephonic Shower Arrangement) Continental bath fitting including all necessary fittings. FOR TOILETS	3.00	nos.		
12	P/F jaquar stainless steel soap dish of continental accessories Code: AKB-35731 Soap Dish Holder. FOR TOILETS & KITCHEN	4.00	nos.		
14	P/F jaquar stainless steel cloth liner retractable of hotelier series (Cat no. 1565) with C.P. brass screws. FOR TOILETS	3.00	nos.		
	25 mm nominal bore	3.00	nos.		
15	Providing and fixing plasticised PVC connection pipe with brass unions :				
	45 cm length				
15.1	15 mm nominal bore	6.00	nos.		
16	P/F kich /jaguar make glass shelf (cat no. BA241S) with C.P. brass fitting & screws stain finish .	3.00	nos.		
17	Providing and fixing kitchen sink of neelkanth make Neelkanth (Ellysse Dx (QB+CB+GB) Double Bowl Kitchen Sink NK DBSD11 G) with drain board with RS CI brackets under granite top, CP brass chain with rubber plugs 40mm C.P. brass waste and 40mm C.P. brass trap with necessary unions complete including painting and fitting, cutting and making good the wallls wherever required: a) Stainless steel sink (AMC / Neelkanth/Nirali) overall size of 535 x 450 mm and bowl size 450 x 375 x 200 mm.	1.00	nos		

18	<p>Providing and Fixing G.I. pipes for cold or hot 15 mm - 50mm (medium quality of (TATA) complete with galvanised iron fitting (UNIK) brand or all descriptions, such as tees, elbows, reducers, clamps. suspenders, unions, check nut bends etc., including cutting, threading, chasing and making good the walls, floors RCC work etc., and filling the same with cement concrete 1: 2: 4 (1 cement: 2coarse sand: 4graded stone aggregate 20mm nominal size) after embedding the pipes , including painting the pipes (with desired shade of 2 coats enamel paint over coat of primer, where pipes are exposed) and painting with 2 coats of anticorrosive bitumnistic paint including necessary excavation upto the required depth, in trenches and back filling, and covering the pipes with 75mm thick sand all around the pipes, complete, as per detailed specifications and P/F C.I. (NECO/HEPCO) pipes 75 mm or 100mm including clamps, tees, elbows etc and Making necessary additions to existing CI and G.I pipe work including new work for G.I and C.I upto connection to ground floor and roof top water tanks including necessary gate valves . all CI pipes would lead jointed and checked for pressure in the For TOILET 3nos. & kitchen 1nos. Including shifting of points, if required, and sealing of joints including waterproofing and plastering of walls 12 mm plaster making smooth as and finished as and where ever required P/F all p traps, nahani traps, etc complete.(traps to be of NECO/HEPCO make).</p>				
18.1	For TOILET 3 nos	3.00	LS per toilet		
18.2	for KITCHEN	1.00	LS per kitchen		
19	<p>Providing and fixing kitchen utensils steel rack of maharaja/VPSK make with brackets fixed on KITCHEN WALL. a) Overall size of 442x625 mm.</p>	1.00	nos.		
20	<p>Providing and fixing C.P twin coat hook ess/kich or equivalent make fixed to wooden cleats with C.P. brass screws.</p>	3.00	nos.		
21	<p>Providing And Fixing 15 mm dia C.P. brass angle valves(jaquar make) FLORENTINE CHROME FINISH with C.P. copper connecting pipe union nut C.P. cast brass wall flange.</p>	21.00	nos.		
TOTAL OF SANITARY INSTALLATIONS CARRIED OVER TO SUMMARY					

(G)	ELECTRICAL WORK				
S.NO.	Particulars	Quantity	Unit	Rate	Amount
1	Installation of exhaust fan in the existing opening, including making the hole to suit the size of the above fan, making good damages connection, l/c fixing louvers / shutters complete with frame, mounting rings frame with four fixing holes, testing and commissioning etc. as required.(Crompton Greaves / Orient Heavy duty)				
1.1A	450 sweep and RPM 1400	4.00	Nos		
1.2	Providing and fixing Havells Leganza 1200mm Ceiling Fan (Pearl White and Silver) including wiring the down rod of standard length (upto required length) with 1.5 sq.mm FRLS PVC insulated, copper conductor single core cable etc. as required, complete with all accessories such as blades, canopy etc. and earthing the fans etc. complete as required, with modular electronic regulator .	7.00	Nos		
2	Supplying, installing, testing & commissioning of Bed Side Wall Light (2441 A 3K WW 4x1 Four way of Lumos Make). The fitting shall comprise lamp holder, lamp etc. as reqd. FOR ROOMS above bed & drawing room walls.	5.00	Nos		
3	Providing and fixing in wall mounted, connecting testing and commissioning of following wall lights in staircase and general area of Lumos make -1284 Wall Light 3K WW 2x3 Watts two way lights.	5.00	Nos		
4	Supplying, installing, testing & commissioning of Bathroom mirror lights of make Lumos (25110-300 BATHROOM MIRROR LIGHT 3K WW/ \$K NW - 14 Watts). FOR TOILETS near bed	3.00	No.		
5	Supplying, installing, testing & commissioning of Surface mounted panel lights of Lumos make - 6016-24 SURFACE MOUNTED PANEL 3K WW / 4K NW / 6K CW 24 watts in all rooms ceiling.	10.00	No.		
6	Supplying, installing, testing & commissioning of Surface mounted panel lights of Lumos make - 6017-24 SURFACE MOUNTED PANEL 3K WW / 4K NW / 6K CW 24 watts in all bathroom & kitchen ceiling.	4.00	No.		
7	Wiring for 20A Single Phase metal clad socket outlet with 2 x 4 sqmm + 1 x 2.5 sqmm PVC insulated FRLS multistrand wire of 1100 volt grade in surface / recessed MS Conduit 16SWG ISI (IS:9537) pipe with accessories including supply and fixing 20A SPN metal clad plug and socket and 20A SP MCB (MDS) complete as required(For A/C).	5.00	Nos		

8	<p>Wiring for light point / fan point/exhaust fan/ light socket switch/ 1 no. door bell point with 3x2.5 (P+N+E) sqmm copper conductor FRLS insulated 1100v grade multi strand wire in concealed / surface using 20/25/32 rigid MS conduit 16swg thick with all bend, tees, saddle mounting box, cover plate ceiling rose, etc. wherever required etc.& chromium plate brass screw/rawl plug etc..The circuit wiring start from DB to point control box /switch box using 3x2.5 (P+N+E) sqmm copper conductor FRLS insulated 1100V grade multistrand wire with notification ferrules at both end complete in all respect. The conduit must be fixed with MS saddle at every 80cm on surface and conduit to be laid in ceiling with proper clamps/wall floor filling the chase with cement mortar and finish the same in original form above in ceiling chases filled with cement mortar as required at site Each circuit shall have separate earth wire.All switch socket must be for modular type with M.S. Boxes and plate extra etc. as required.</p> <p>Note:-.Each circuit shall have independent earth wire each point shall be earthed. Circuit wiring is to be included in wiring.</p>				
8.1	One light controlled by one 6A modular one way switch.	30	Nos		
9	<p>Providing, fixing, testing & commissioning of modular type fan regulators & switches for existing fans in proposed new boards complete including 3 x 2.5 (P+N+E) sqmm copper conductor FRLS insulated 1100v grade multi strand wire in concealed using 20 mm PVC conduit 16swg thick with all bend, tees, saddle mounting box, cover plate ceiling rose, etc. wherever required etc.& chromium plate brass screw/rawl plug etc..The circuit wiring start from DB to point control box /switch box using 3x2.5 (P+N+E) sqmm copper conductor FRLS insulated 1100V grade multistrand wire with notification ferrules at both end in all respect upto satisfaction of the architect etc. all complete. (2 extra for kitchen and staircase lobby on upper floor)</p>	7	no.		

10	Wiring for 5 pin 6 A Light plug point with 1.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit 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 5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, including the cost of running 1.5 Sq mm green colour solid copper conductor earth wire for earthing the earth pin of the socket outlet and circuit wiring with 2 x 2.5 sq mm + 1 x 1.5 sq mm 1100 Volt grade PVC insulated FRLS multistrand copper conductor wire. Complete as per specifications and as required.	43	Nos		
11	Wiring for following. 6 pin 6/16 A Power plug point control by 1 No. 16A Switch with 4.0 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit 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 6 pin 16 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, the cost of running 2.5 Sq mm green colour solid copper conductor earth wire for earthing the earth pin of the socket etc as required.				
11.1	One power Point per circuit/Primary point	21	Nos		
12	DISTRIBUTION BOARDS				
	Supplying & fixing following way, three pole and neutral, sheet steel, double door, MCB distribution board consumer unit, 415 volts, on surface/recess, complete with tinned copper busbar, neutral busbar, earth busbar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required.				
12.1	4 WAY DOUBLE DOOR TPN DB(light, power)				
	INCOMING :				
	63 A FP mcb - 1 No.				
	OUTGOING :				
	6-32 A SPMCB - 10 KA - 18 Nos.	1.00	set		
12.2	8WAY DOUBLE DOOR SPN DB (UPS)				
	INCOMING :				
	40 A DP mcb - 1 No.				
	OUTGOING :				
	16 A SPMCB - 10 KA - 18 Nos.	1.00	set		

13	TELEPHONE WIRING FOR VOICE				
13.1	Supply and fixing of RJ11 modular Telephone outlet in zinc chromate passivated M.S.Box and modular plate including connections etc. As required.	6.00	Nos.		
13.2	Providing, drawing, connecting and testing of telephone wire 0.5 sqmm tinned annealed high conductivity copper conductor with high density Polyethylene insulation, paired, polyester taped and FR PVC sheathed in existing MS/PVC conduit from telephone outlet box to the junction box/tag block as required.				
13.2.1	2 pair 0.51 sq. mm.	300.00	RM		
14	COMPUTER DATA WIRING SYSTEM				
14.1	Supply & fixing flush steel box for computer data outlet dully recessed in wall complete with modular cover plate, computer outlet RJ-45 including connections etc. required.	6.00	Nos.		
14.2	Supply and drawing of cat 6 Data cable in existing conduit complete as required including PVC conduit in Floor/Surface of wall, including cutting the Floor/Wall and make the good the same as required (Data Cabling)	315.00	RM		
15	Providing,drawing,connecting and testing of Television cable, Electrolytic grade solid annealed high conductivity copper conductor, gas injected physical polyethylene foam insulated, wrapped with aluminium tape and aluminium alloy wire braided, jelly flooded and PVC jacketing in black colour (Compatible to DTHTV signal), in 25 mm MS/PVC conduit from television outlet box to the junction box /splitter / subscribe rord welling unit/ Dish antenna as required.				
15.1	RG - 6	60.00	RM.		

16	WATER HEATER WIRING/CONTROL SOCKET SWITCH				
	Wiring for following. 6 pin 6/16 A Power plug point control by 1 No. 16A Switch with 4.0 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit including cost of providing saddles etc for surface conduiting and/or cost of cutting chases for recessed conduiting, including the cost of providing & fixing 2 No. Modular type 6 pin 16 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, the cost of running 2.5 Sq mm green colour solid copper conductor earth wire for earthing the earth pin of the socket etc as required. FOR TOILET & KITCHEN.	4.00	Nos.		
17	Providing and fixing Electric water heater of AO Smith HSE-SBS 15-Litre 2000-Watt Storage Water Heater 5 star rating with cable ,CP copper pipes, all complete in all respects. 15 liter capacity	3.00	Nos.		
	Providing and fixing Electric water heater of AO Smith EWS-3 3-Litre 3000 Watts Instant Water Heater (White) with cable ,CP copper pipes, all complete in all respects. 3.3 liter capacity	1.00	Nos.		
	TOTAL OF ELECTRICAL WORK CARRIED TO SUMMARY				
(H)	MISCELLANEOUS ITEMS				
S.No	Particulars	Quantity	Unit		
1	Providing and fixing wooden member of approx size 3"x2.5" teak wood member including teak wood melamine polishing, lipping and providing a smooth finish to the wooden rail on all exposed faces and bottom, installed with all necessary hardwares & accessories etc. over existing steel handrail vertical sections including removing, refixing and cutting of handrail as & wherever required including making floor look good complete as per satisfaction and instructions of the architect .	26	r.ft.		
2	P/F Granite Counter 16 -18 mm thick polished Zet black granite stone slab with exposed edges rounded and polished over 2" thk rcc (1:2:4) slab with required reinforcement @ 3 kg/sft , including making cutout for placing of sink/Wash basin etc. and provision of granite facia of 3 1/2". (for kitchen slab) (Basic Rate of granite @Rs. 330 per sq. ft. including taxes without transportation)	50	sqft		

3	<p>P/F Removing and refixing of existing doors. The cost to also include cutting the doors as per tile thickness and refixing with 10 mm ivory coast teakwood melamine polished lipping including cost of repairing the door to match existing outside wooden surface with three or more coats of duco paint to architect's satisfaction along with locks replacement including cost of new heavy duty hinges (minimum 4 hinges for each door) .</p>	10	nos		
4	<p>P & F of UPVC windows made out of hollow Multi-Chambered UPVC Sections with isolated drainage and reinforced with galvanized steel. The corners and joints shall be mitre cut and fusion welded. The overall dimensions of windows are as per existing windows with wall thickness of frame being 2.3mm ± 0.3mm. Openable Frame with shutters (internal of window) for Mosquito Sash shall be provided. The Window System shall be externally glazed with single glazing in 6mm glass. window installation shall be executed through specialized agencies authorized by the manufacturers. The windows shall be installed so as to provide a completely water proof and air tight solution for the purpose. The UPVC profile of frames and sash shall be mitered cut and fusion welded at all corners, including drilling of hole for fixing hardware & drainage of water etc. making arrangement for fixing hardware, EPDM gasket, with 1.2 +_ 0.2 mm thick galvanized steel profile to be inserted in required profile, frame shall be fixed to the wall with 8 mm x 100 mm long fasteners all complete as per direction of Architect. All screws to be used shall be of S.S of make as approved by the Architect. Glazed window shall consist mainly of :</p> <p style="text-align: right;">(1) Casement frame of size : 67 mm x 62 mm, (2) Casement window sash/mullion (67 mm x 75 mm), (3) Casement glazing bead (35 mm x 18 mm), (4) S.S - 304 grade, friction hinges of size 250 x 19 x 1.9 mm, (5) Tinted single glazing of thickness 5.5 mm with necessary gasket. (6)Multi-point lock with handles.</p> <p>Note: The new windows shall be installed after removing the existing M.S framed windows. After installing the new windows proper sealing shall be done by the installer so as to ensure that there is no leakage of water, and outside making sides/edges & slope. (All plastering, scaffolding, removal of debris is included in the cost.)</p>	202	sqft		

5	<p>P & F of UPVC doors made out of hollow Multi-Chambered UPVC Sections with isolated drainage and reinforced with galvanized steel. The corners and joints shall be mitre cut and fusion welded. The overall dimensions of doors are as per existing doors with wall thickness of frame being 2.3mm ± 0.3mm. Openable Frame of the door System shall be externally glazed with single glazing in 10 mm glass. Door installation shall be executed through specialized agencies authorized by the manufacturers. The door shall be installed so as to provide a completely water proof and air tight solution for the purpose. The UPVC profile of frames and sash shall be mitered cut and fusion welded at all corners, including drilling of hole for fixing hardware & drainage of water etc. making arrangement for fixing hardware, EPDM gasket, with 1.2 +_ 0.2 mm thick galvanized steel profile to be inserted in required profile, frame shall be fixed to the wall with 8 mm x 100 mm long fasteners all complete as per direction of Architect. All screws to be used shall be of S.S of make as approved by the Architect. Glazed door shall consist mainly of :</p> <p style="text-align: right;">(1) Casement frame of size : 67 mm x 62 mm, (2) Casement door sash/mullion (67 mm x 75 mm), (3) Casement glazing bead (35 mm x 18 mm), (4) S.S - 304 grade, friction hinges of size 250 x 19 x 1.9 mm,</p> <p style="text-align: right;">(5) Tinted single glazing of thickness 10 mm with necessary gasket, (6) Multi-point lock with handles.</p> <p style="text-align: center;">Note: The new doors shall be installed after removing the existing M.S framed/wooden doors. After installing the new doors proper sealing shall be done by the installer so as to ensure that there is no leakage of water, and outside making sides/edges & slope. (All plastering, scaffolding, removal of debris is included in the cost.)</p>	21	sqft		
6	<p>Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) including cost of providing and fixing of outer façade dholpur stone in area required for repair and new works all complete as per architect's specifications. (for outside staircase)</p>	1	cu.m.		
7	<p>Providing & Fixing dholpur stone on the external façade with clamps & required cement mortar and pointing of joints of the building including matching the stone with the existing façade of the building</p>	20	sqft		
8	<p>Providing and fixing of curtain rods (flat rod) of S.S approved design and make specified by the client/architect.</p>	55	rft.		

9	<p>Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of suken slab and the like consisting of :</p> <p>i) Ist course of applying cement slurry @ 4.4 Kg/sum mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface.</p> <p>ii) IInd course of 20mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.</p> <p>iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 Kg. per sum of area.</p> <p>iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kg/sqm.)</p>	10	sqm		
10	<p>Providing and laying in situ seven course water proofing treatment with APP (Atactic Polypropylene) modified Polymeric memberane over roof consisting of first coat of bitumen primer @ 0.40 Kg per sqm, 2nd, 4th & 6th courses of bonding material @ 1.20 kg/sqm, which shall consist of blown type bitumen of grade 85/25 conforming to IS : 702, 3rd and 5th layers of roofing membrane APP modified Polymeric membrane 2.0 mm thick of 3.00 Kg/sqm weight consisting of five layers prefabricated with centre core as 100 micron HMHDPE film sandwiched on both sides with polymeric mix and the polymeric mix is protected on both side with 20 micron HMHDPE film. 7th, the top most layer shall be finished with brick tiles of class designation 10 grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% integral water proofing compound by weight of cement over a 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat (item of laying brick tiles shall be paid for separately). ITEM FOR TERRACE WATERPROOFING</p>	150	sqm		
11	<p>Providing and laying brick tiles over mumty roofs, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement, over 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat :</p>				
11.1	<p>With common burnt clay F.P.S. (non modular) brick tiles of class designation 10. ITEM FOR TERRACE WATERPROOFING</p>	150	sqm		
	TOTAL OF MISCELLANEOUS ITEMS CARRIED OVER TO SUMMARY				

(I)	AIR CONDITIONING WORK (O GENERAL/DAIKIN/HITACHI MAKE) minimum FIVE star rating by BEE .				
1	Providing and fixing of interconnected refrigerant piping circuit of required sizes with imported copper tubes duly insulated with close cell elastomeric foam, complete with supports and properly clamped along with Interconnected electrical wiring between room and condensing units including power cables from power supply switch/socket to condensing unit, conduit fittings etc. as required complete as per design and specifications of the manufacturer and approval/instruction of the consultant. (For 4 no. split AC's unit) items include chiselling of walls and finishing the same up to complete satisfaction of the architect.	65	rmt.		
2	Providing and fixing of PVC Drain piping-20 kg density with fittings and valves, insulated with close cell Elastomeric foam complete as per design and specifications of the manufacturer and approval/instruction of the consultant. (For 4 No. AC's unit) items include chiselling of walls and finishing the same up to complete satisfaction of the architect. (a) 25MM	65	rmt.		
3	Supply, commissioning and installation of Air cooled HI-WALL MOUNTED SPLIT AC's(HWS)complete with outdoor unit, cordless remote control, safety feature as per the design and specifications and approval/instruction of the consultant with stand for outer unit.				
3.1	Nominal CAPACITY– 1.5 TR.	1	no.		
3.2	Nominal CAPACITY– 1.0 TR.	4	no.		
4	Providing ,Fixing & Installation of MS Cages for split ac condensing unit to be hanged outside, or kept on terrace with MS base frame, the cages may be grouted in the ceiling or wall as the case may be.The cages to have shuttered opening which are lockable all the cage to be painted in 2 coats of synthetic enamel after preparing base with primer coating.	5	no.		
5	Providing and fixing triple step 5 to 4 k.v.a automatic voltage stabilizer wall mounted of bluebird/ Logitech/ micel make.	5	no.		
6	Providing fixing 3c x4sqmm circular wire connection complete, connection	135	rmt.		
TOTAL OF AIR-CONDITIONING WORKS (in Rupees)					