

FINANCIAL BID DOCUMENT

FOR

INTERIOR RENOVATION OF FLAT NO. 4

AT

**NATIONAL INSTITUTE OF PUBLIC
FINANCE AND POLICY AT 18/2 SATSANG
MARG, SPECIAL INSTITUTIONAL AREA
NEW DELHI- 110 067**

ARCHITECTS:

**M/S SPACE ACE
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ABSTRACT OF FLAT NO. 4 AT NIPFP, NEW DELHI.

ITEMS	Rs.	AMOUNT (in Rs.)	AMOUNT (In words)
SUBHEAD - A DISMANTLING WORK, CONCRETE WORK AND WATERPROOFING WORK	Rs.		
SUBHEAD - B ANTI-TERMITE TREATMENT	Rs.		
SUBHEAD -C FLOORING WORK	Rs.		
SUBHEAD -D FINISHING WORK	Rs.		
SUBHEAD -E WOOD WORK/HARDWARE WORK	Rs.		
SUBHEAD -F SANITARY WORK	Rs.		
SUBHEAD -G ELECTRICAL WORK	Rs.		
SUBHEAD -H MISCELLANEOUS WORK	Rs.		
SUBHEAD -I AIR-CONDITIONING WORK	Rs.		
TOTAL	Rs.		
ADDITIONAL DISCOUNTS (if any)	Rs.		
GRAND TOTAL	Rs.		

SCHEDULE OF QUANTITIES FLAT NO. 4 FOR NIPFP, NEW DELHI.						
(A) DISMANTLING WORKS						
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
	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) etc and staking mulba at site and dumping the same at authorized municipal ground 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, 1 no. kitchen, 4 no. bed rooms & 1 no. drawing room etc. as per instructions of the architect.	1	Lumpsum			
TOTAL OF DISMANTLING, CONCRETE AND WATER PROOFING CARRIED OVER TO SUMMARY						
(B) ANTI-TERMITE TREATMENT						
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
1	Supplying chemical emulsion in sealed containers including delivery as specified.					
a	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	18.00	One Litre			
2	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :					
a	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 300 mm including excavation channel along the wall & rodding etc. complete:					
	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration.	35.00	r.m.			
3	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc.					
	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration.	35.00	r.m.			
4	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 : 2 (1 cement : 2 Coarse sand) to match the existing floor :					
a	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	170.00	sq.m.			
5	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole :					
	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	55.00	r.m.			
6	Treatment at points of contact of wood work by chemical emulsion Chlorpyriphos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	60.00	r.m.			
TOTAL OF ANTI-TERMITE TREATMENT CARRIED OVER TO SUMMARY						
(C) FLOORING WORK						
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
1	P/F 7.8 mm thick Nitco group of size 300x300 of approved shade tiles in floors, skirtings (calculated in sft) staircase steps, dado, pillars, or counter/ shelf tops 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	85.75	sq.m.			
2	P/F 600x600 mm of kazaria eternity spacestone series/fog series/ozone series or other series glazed vitrified tiles satin matt /satin finish 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 70 /sft without transportation charges) FOR FLOORING AND SKIRTING	124.62	sq.m.			

3	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 grooveon 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 refixed if necessary. FOR STAIRCASE.	5.95	sq.m.			
TOTAL OF FLOORING WORK CARRIED OVER TO SUMMARY						
(D)	FINISHING WORK (WALL / ROOF PAINTING)					
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
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.)	517.02	sq.m.			
2	Re-Painting existing wooden shutter with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over and under coat of primer applied @0.75 ltr/ 10 sqm of approved brand or manufacture.	10.00	sq.m.			
3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over and under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture .	10.00	sq.m.			
4	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	517.00	sqm			
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :	30.00	sq.m.			
	One or more coats on old work					
6	Removing old fans from ceiling, cleaning & spray painting the whole fan, reinstallation & commissioning of fans all included upto satisfaction of the architect.	6.00	no.			
TOTAL OF PAINTING CARRIED OVER TO SUMMARY						
(E)	WOOD WORK,HARDWARE WORK					
	(For bedrooms, toilets, kitchen, staircase etc.)					
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
1	Providing and fixing stainless steel tower bolts of Kich make anodised with necessary stainless steel screws etc. complete: FOR DOORS.					
	300 x10 mm	15.00	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 600mm - 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 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 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>	180.14	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>	5.00	nos.			
5	P/F shutter/drawers with telescopic SS Hettich channels below counter as/dwg. made up of 18mm thick marine ply, 75x40mm vertical wooden member, 20x8mm margin Ivory coast teak wood with melamine polished. 18mm thick marine ply with 1 mm thick laminate on all exposed faces and shutter drawers inside , drawers side to be 12mm marine ply mounted on stainless steel hinges hettich make, including godrej locks. C-100mm SS handles, and magnetic ball catchers if necessary All hardware. hinges, locks and handles as per architects instructions. (measurement to be take of front face). <u>FOR KITCHEN BELOW COUNTER STORAGES</u> (all hinges to be haffe/hettich make all hardware to be SS) the drawer outside sides where chaneels are put and bottom sides which are not laminated to be plastic emulsion painted .	51.87	sq.ft.			

6	P/F overhead storage of 1'-3" deep storage of 2'-6" height approximately in kitchen as / dwg.made up of 18 mm thk marine ply shutters and sides,bottom, top and front & shelves (12 mm marine ply.) with ivory coast teak wood polished Ivory coast teak wood 1"x 1/2" mouldings on margin and 1 1/2"x 1"ivory coast teak wood . Moulding on all exposed sides. 9 mm marine plywood back, with 1 mm thk laminate on all exposed faces and inside the shutters and shelves and polish with enamel/plastic base on botom and top surfaces, mounted on stainless steel hinges hettich make, including godrej locks. C 4" handles, and magnetic ball catchers if necessary with necessary hardware. hinges, locks and handles as per architects instructions as per design. (measurement to be take of front face). <u>FOR KITCHEN OVERHEAD STORAGES</u>	34.38	sft			
7	P/F low/full height 2'-0" deep (area calculated as length x height) in toilet as / 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 3/4"x 1/2" mouldings on margin and 1 1/2"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 if necessary with necessary hardware. hinges, locks and handles as per architects instructions as per design . <u>FOR 3 NO. TOILETS- COUNTER BELOW BASIN</u>	45.00	sq.ft.			
TOTAL OF WOOD WORK ,HARDWARE WORK CARRIED OVER TO SUMMARY						
(F)	SANITARY WORK					
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
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 applicale. (FOR KITCHEN)	1.00	nos.			
6	P/F SS jali on floor trap. FOR TOILETS & KITCHEN	7.00	nos.			
7	P/F 6 mm thick float glass mirror bevelled edge of approved qality 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)	2.75	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	1.00	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 uplasticised PVC connection pipe with brass unions :					

	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 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 walls 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	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 bituministic 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 Inos. 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).					
a	For TOILET 3 nos	3.00	LS per toilet			
b	for KITCHEN	1.00	LS per kitchen			
19	Providing and fixing kitchen utensils steel rack of maharaja/VPSK make with brackets fixed on KITCHEN WALL. a) Overall size of 442x625 mm.	1.00	nos.			
20	Providing and fixing C.P twin coat hook ess/kich or equivalent make fixed to wooden cleats with C.P. brass screws.	3.00	nos.			
TOTAL OF SANITARY INSTALLATIONS CARRIED OVER TO SUMMARY						
(G) ELECTRICAL WORK						
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
1	Providing/erection testing and commissioning of Cata Appliances Ltd B10 extractor fans (white colour) of series B plus exhaust fans with suction capacity 90m3/h of following sizes complete with making 100mm dia hole , finishing , also including the cost of interconnection etc, as required.The contractor to include the cost of making holes for installing the cata fan and repairing both sides the whole suitably and aesthically .(EXHAUST FANS)					
	a) Cata B10 extractor fans (white colour) of series B plus.	4.00	Nos			
2	Supplying, installing, testing & commissioning of Bed Side Philips Moroccan 30955 Wall Light (White and Black and Metal and Glass). The fitting shall comprise lamp holder, lamp etc. as reqd. FOR ROOMS near bed	10.00	Nos			
4	Providing and fixing in wall mounted, connecting testing and commissioning of following luminaires -Philips Bright Line 18-Watt LED Batten (Cool Day Light), Material: Plastic, Color: White, Dimensions: 12 cm x 3 cm x 2.2 cm, Wattage: 18 watts; Operating Voltage: 240 volts	9.00	Nos			
5	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			
6	Wiring for light point / fan point/exhaust fan/ light socket switch 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. Note:-.Each circuit shall have independent earth wire each point shall be earthed. Circuit wiring is to be included in wiring.					
	a) One light controlled by one 6A modular one way switch.	25	Nos			

7	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.	8	no.			
8	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.	20	Nos			
9	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.					
	a) One power Point per circuit/Primary point	12	Nos			
10	Providing and fixing in wall mounted, connecting testing and commissioning of following luminaires including the cost of necessary inter-connections required. philips ultron led wall light (cool white) (For kitchen , staircase etc.)	10.00	Nos			
11	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.					
A	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			
B	8WAY DOUBLE DOOR SPN DB (UPS)					
	INCOMING :					
	40 A DP mcb - 1 No.					
	OUTGOING :					
	16 A SPMCB - 10 KA - 18 Nos.	1.00	set			
12	TELEPHONE WIRING FOR VOICE					
A	Supply and fixing of RJ11 modular Telephone outlet in zinc chromate passivated M.S.Box and modular plate including connections atc. As required.	6.00	Nos.			
B	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.					
	2 pair 0.51 sq. mm.	70.00	RM			
C	Supply & fixing the following sizes of Krone telephone tag blocks housed in suitable sizes of power coated MS boxes with hinge cover complete as required.					
	10 pair telephone tag block	1.00	Nos.			
D	Supplying & laying the following sizes of PVC insulated or overall sheathed taped telephone cables of 0.61mm dia size inground including excavation, refilling and making good the damage etc. as required. good the same and connection etc. complete as required					
	10 Pair telephone cable	20.00	RM			
13	COMPUTER DATA WIRING SYSTEM					
A	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.			
B	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)	70.00	RM			

13.1	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.					
13.1.1	RG - 6	50.00		RM.		
14	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.		
TOTAL OF ELECTRICAL WORK CARRIED TO SUMMARY						
(H) MISCELLANEOUS ITEMS						
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
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 .	30	r.ft.			
2	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S Flat 15x3 and nut bolts complete. A) Stainless Steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperaturre on both sides.	15	sqm			
3	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			
5	P/F Removing and refixing of existing toilet doors and bedroom 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 needed where locks are placed or door is damaged including cost of new hinges if required.	9	nos			
6	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 eisiting 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 arragement 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 fastners 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 : 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. Note: The new windows shall be installed after removing the existng M.S framed windows. After installing the new windows propoer 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.)	410	sqft			

7	<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> <ol style="list-style-type: none"> 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. 5. Tinted single glazing of thickness 10 mm with necessary gasket. 6. Multi-point lock with handles. <p>Note: The new doors shall be installed after removing the existing M.S framed 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>	70	sqft			
8	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)	0.5	cu.m.			
9	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	20	sqft			
10	Dismantling kitchen slab (part) and remodeling the same to provide provisions for cooking range of minimum 4 burner capacity complete including all civil works to finish the same and disposal of mulba to authorized municipal grounds including all lifts and leads.	1	no.			
11	Providing and fixing of curtain rods (flat rod) of S.S approved design and make specified by the client/architect.	55	rft.			
12	<p>Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of suken slab and the like consisting of :</p> <ol style="list-style-type: none"> 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. 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. iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 Kg. per sum of area. 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.) 	200	sqm			
13	Providing & fixing framed shower cubicles in all toilets from width range varying from 900-1200mm and 2100mm -2700mm height with PVC waterproof film of make jaquar (ENNA series) /kohler consisting 12 mm toughned glass with silicon beading at edges to conceal the glass and fixed panes complete including all necessary SS accessories and fittings, SS 1'0" length door handles, hardware fitting all complete as per architect's approval.	3	no.			
14	Providing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame and two coats of primer and three or more coats of Acrylic emulsion paint etc. complete including opening to be made for light fittings, etc. (Plan area to be measured and paid for) (cost to exclude paint cost) (all material including wooden frame work. (Shop drawings to be provided by contractor and design as per approval of the architect) Note: The cost to include all curves & shapes.	1670	sq.ft.			
TOTAL OF MISCELLANEOUS ITEMS CARRIED OVER TO SUMMARY						

(I) AIR CONDITIONING WIRING WORK						
S.No	Particulars	Quantity	Unit	Rate (in Rs.)	Amount (in Rs.)	Amount (In words)
1	Providing and fixing of interconnected refrigerant piping circuit of required sizes with imported copper tubes duly insulated with close cell elastometric 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 chissinging of walls and finishig the same upto complete satisfaction of the architect.	105	rmt.			
2	Providing and fixing of PVC Drain piping-20 kg density with fittings and valves, insulated with close cell Elastometric foam complete as per design and specifications of the manufacturer and approval/instruction of the consultant. (For 4 No. AC's unit) items include chissinging of walls and finishig the same upto complete satisfaction of the architect. (a) 25MM	115	rmt.			
TOTAL OF AIR-CONDITIONING WORKS CARRIED OVER TO SUMMARY						