

**CIVIL, INTERIOR_FURNISHING, ELECTRICAL & PLUMBING
WORKS OF FLAT NO. 9 At 18/2 SATSANG
MARG, SPECIAL INSTITUTIONAL AREA
NEW DELHI- 110067.**

FOR

**NATIONAL INSTITUTE OF PUBLIC FINANCE & POLICY.
(NIPFP)**



**PART-B
(FINANCIAL BID)**

SPECIFICATIONS DOCUMENTS :

Architects

M/s SPACE ACE

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BOQ FOR FURNISHING & PLUMBING WORKS OF FLAT NO. 9 AT NIPFP CAMPUS, NEW DELHI.

S. No.	Description	Unit	Qty.	Rate	Amount
I					
1A	DEMOLITION WORKS				
1	Dismantling/Demolishing removing brick work plaster, wall / fixtures, flooring, electrical wiring, cabling, switch sockets, plumbing fixtures, pipes, to accommodate the proposed new layout and disposal of unserviceable material to a place permitted by the municipal authorities including making good any damages complete.	LS	1		
	Total to be carried over the summary				
1.0	CIVIL WORKS				
1.1	PLASTER				
	Plastering of walls in 12mm th. smooth cement plaster on existing block masonry, RCC columns, RCC Walls, of any profile, in 1:4 cement mortar, (1unit- cement, 4unit- fine screened sand), incl. of hacking on column/wall, making surface wet before applying plaster and proper curing after plaster etc complete. all plaster works will have provision of chicken mesh with more than 2" overlap between RCC member and wall so as to avoid cracks due to thermal expansion, chicken mesh to be also provided on all chased surfaces such as ,conduit chasing , pipe line chasing etc. and then chased area to be replastered . Cost to be inclusive of all including scaffolding at all heights .	Sqm	65		
1.3	R.C.C				
	Providing, laying, compacting and laying in position RCC of the 1:1.5:3 cement concrete with TOR steel reinforcement with stirrups of 8mm dia TOR steel at 200mm c/c , including 12mm cover, necessary shuttering, curing, compacting, bending of steel reinforcement etc Complete & all to be included in cost & quoted rate shall for all levels of floor & height.	Cum	1		
	for Toilet, Kitchen, Pantry counter & for Lintel of doors, strong room RCC walls, etc. in brick works				
	Total to be carried over the summary				
3.0	FLOORING WORKS				
3.1	Providing and laying polished granite stone in choice shade laid in floors and counter tops over 20mm (average) thick base of cement mortar 1:4 (1 cement :4 coarse sand) followed by laying and fixing with highly polymer single component adhesive of LATICRETE / BAL ENDURA or equivalent with minimum 6 mm thickness and jointed with white cement slurry mixed with matching pigment, including rubbing and polishing and curing etc. complete at all levels. (Sample of stones shall be got approved by Client / Architect).				
3.1.1	Granite Base cost : 250 Rs Sq.ft leaving taxes and freight and loading unloading charges (For Kitchen counter)	Sqm	6.0		
3.1.2	item same as above in skirting, risers of steps, Ledge of pantry counter, toilet counter etc., on 12mm thick cement plaster 1:3 (1 cement : 3 coarse sand) with necessary groove, joints chamfer, all complete as drawings to be provided by the architect/as per instruction of site in charge.	Sqm	5.0		
3.1.3	For making nosing (edge moulding, half round/full round) in required shape treads of steps, Kitchen Counter etc.	Rmt	5		

S. No.	Description	Unit	Qty.	Rate	Amount
3.2	FLOORING				
	P/F 300x300 mm of Somany/NITCO/ HR JOHNSON / KAJARIA digital floor tiles (as per approval) - 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.	Sqm	10.0		
3.3	Tile Dado				
	Providing and Laying tile dado of approved make, shade and pattern as approved by Architect, with epoxy grouting ,making grooves using 2/ 3mm PVC spacers and epoxy grouted with tile groute of matching shade of tile including cutting, grouting the joints with epoxy grout of endure or equivalent and pigment to match the shade of tile including cutting, etc. complete in all respects as per pattern and drawing.				
3.3.1	With Tile (Basic rate of tiles Rs. 80/- Sft leaving taxes and freight and loading un loading charges) for Toilet & kitchen higlighter on walls. Make: Kajaria/ Somany/ NITCO	sqm.	15		
3.3.2	With Tile (Basic rate of tiles Rs. 60/- Sft leaving taxes and freight and loading un loading charges) for Toilets & kitchen walls other then higlighter. Make: Kajaria/ Somany/ NITCO	sqm.	40		
3.4	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	sqm.	65		
Total to be carried over the summary					
4.0	DOOR / WINDOW WORKS				
4.1	Laminate Doors : (For 2 no. Toilets & 1 no. kitchen) Door with 30-35 mm thick shutter finish with 1 mm thick laminate (Merino, Durian, Green Lam) in both side of the shutter of approved make & shade and edge polishing / enamel painting, including/excluding 200x1800mm vision panel made of 6mm thick non toughened clear Glass with red marandi wooden frame duly polished on each shutter complete with all necessary fixing arrangement complete as per shown in drawing and directed by the Architect.				
	Flush Doors: Merino, Green ply industries, Century, Sonear, Alpro, Durian <input type="checkbox"/> Each door to have 4 Nos of 6" railway barring hinges in SS finish <input type="checkbox"/> door shall be with the dorma heavy duty door closer code no ITS96GSR with necessary tower bolts and pivots <input type="checkbox"/> Doors to have cylindrical locks <input type="checkbox"/> Door to have 400mm long 30mm dia SS buff finish handles on both sides. etc all complete as per detailed architectural drawing. <input type="checkbox"/> With Viper star FR-881 fire retardent paint and anti termite treatment of complete door shutter and frame work.				
	Item same as above but with overall size of shutter is 750 to 900 x 2100mm without vision panel (as per requirement).	Each	3		
4.2	Repairing of existing doors (Bed room doors and drawing room -entry door) to give smooth finish with PU polish / Deco paint of two or more coats including removal & refixing of doors and changing of existing locks with cylindrical locks, tower bolts and Railway hinde (heavy duty) and door stoppers etc. complete upto architect's satisfaction.	Each	4		
4.3	P/f SS Curtain rods with necessary fixing arrangements, accessories, side mounts etc. all complete upto satisfaction of the architect.	r.mt.	8		
Total to be carried over the summary					

S. No.	Description	Unit	Qty.	Rate	Amount
5.0	ANTI-TERMITE TREATMENT				
5.1	Supplying chemical emulsion in sealed containers including delivery as specified.				
5.1.1	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	40.00	per ltr.		
5.2	Diluting and injecting chemical emulsion for POST CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :				
	Treatment at points of contact of wood work / in periphery of all walls 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.	75.00	r.m.		
TOTAL OF ANTI-TERMITE TREATMENT CARRIED OVER TO SUMMARY					
6.0	FINISHING WORKS				
6.1	POP punning				
6.1.1	Providing and applying plaster of paris (super fine quality) punning with minimum thickness of 6mm and finish the surface smooth in line	sqm	175.00		
6.2	Plastic Emulsion paint				
6.2.1	Providing and applying three coats of pre-approved Plastic acrylic emulsion paint to walls, partitions etc. including surface preparation with two coats of putty, primer and sanding all complete. With the necessary drying periods for each coat. The final finish should be of a uniform and neat finish to the satisfaction of the Architect. Cost to be include for all height and surfaces. Make: DULUX ,Asian Paints	sqm.	175		
6.3	SYNTHETIC ENAMEL PAINT				
6.3.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour two or more coats on new work over and under coat of suitable shade with ordinary paint of approved brand and manufacture to give an even shade. Make: Asian (Apolite)/ICI Dulux (Gloss)/Nerolac (Full Glass Hard Drying)	Sqm	15.00		
	Scrapping, sand papering wooden/ metal surfaces				
	Applying 01 coat of wood/ metal primer with machine spray only.				
Total to be carried over the summary					
7.0	FURNITURE				
7.1	STORAGE FULL / LOW HEIGHT / CREDENZA				
7.1.1	Providing and fixing low/full height storage of following size storage: fabricated out of 19mm BWP commercial board in 1.0mm thk approved laminate from the outside and 0.8 mm laminate on the inside. All storages to have a backing of 12 mm thk MARINE PLY.				
a	Kitchen under counter & overhead storage & toilet under counter storage Size: same as above but Size of length as per layout x 600mm x 800mm Ht. including anti-termite treatment before execution of wood work and in new wood work as well as per architect's instructions.	Sq.mt	2		

S. No.	Description	Unit	Qty.	Rate	Amount
7.2	MODULAR KITCHEN				
7.2.1	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.	Sq.mt	6		
7.5	Repairs to existing bed room storages including replacement of block board (wherever broken) sides & shelves. 6mm plywood back, with PU finish polish on all visible surfaces (outside) in approved color as per drg/detail with enamel/ plastic base on inner surfaces, mounted on powdercoated hinges, including efficient gadgets locks. C 4" stainless steel handles , and magnetic ball catchers with necessary hettich/haffle hardware, soft close hinges, godrej locks, SS tower bolts (300x10 MM) and SS handles as per architects instructions including shelves (made out of 19 mm commercial block board) as per design with provision of locks and drawers as per design, including anti-termite treatment before execution, modification of wood work and in new wood work as well, all upto satisfaction of the Architect.	L.S	2		
Total to be carried over the summary					
8.0	SANITARY WORKS (Approved fixtures makes: JAQUAR / KOHLER)				
8.1	Providing and Fixing G.I pipes (medium quality of Jindal/Tata make 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. (R.I.F.) pipes and Making necessary additions to existing CI and G.I pipe work including new work for G.I and C.I upto connection in all floors in one pantry and two water cooler pose basket (Approx depth 100 mm), 1 no. Multipurpose basket (Approx depth 150 mm) , 2 no. Multipurpose basket (Approx depth 250 mm)				
8.1.1	For ONE KITCHEN , TWO TOILETS & ONE BASIN POINTS .	LUMPSUM	4		
8.1.2	P/F Powder coated Square/Round C.P. jali (chilly make)125 mm on floor trap.	No.	7		
8.2	Providing and fixing kitchen sink 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 single bowl sink with/without drainboard (NEELKANTH / NIRALI / EQUIVALENT MAKE)	No.	1		

S. No.	Description	Unit	Qty.	Rate	Amount
8.3	Providing and Fixing 15mm nominal bore C.P. brass kitchen mixer with swiveling spout (hot and cold) and deluxe head of approved make.	No.	1		
8.4	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	No.	2		
8.5	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	No.	2		
8.6	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	No.	2.00		
8.7	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	No.	2.00		
8.8	a) Providing & fixing c.p Sink Mixer Code: SOL-6309 jaquar make sink mixer with swinging spout as applicale. (FOR KITCHEN)	No.	1.00		
8.9	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)	No.	2.00		
8.10	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	No.	2.00		
	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	No.	3.00		
8.11	Providing and fixing fixed health faucet including 15mm dia flexible connection from angle valve to health faucet, complete as required.(jaguar make ALD-573)	No.	2.00		
8.12	P/F jaguar Overhead shower Code: OHS-1805 Overhead Shower, 150X150mm diafitting,including all hardware/screws.	No.	1.00		
8.13	P/F jaguar Wall mixer with telephonic shower arrangment only with telephone shower cruth Code: CON-217KN Wall Mixer,Telephonic Shower Arrangement) Continental bath fitting including all necessary fittings. FOR TOILETS	No.	1.00		
8.14	P/F jaquar stainless steel soap dish of continental accessories Code: AKB-35731 Soap Dish Holder. FOR TOILETS & KITCHEN	No.	2.00		
8.15	P/F jaquar stainless steel cloth liner retractable of hotelier series (Cat no. 1565) with C.P. brass screws. FOR TOILETS	No.	2.00		
	25 mm nominal bore	No.	2.00		
8.16	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	45 cm length				
	15 mm nominal bore	No.	2.00		
8.17	P/F kich /jaguar make glass shelf (cat no. BA241S) with C.P. brass fitting & screws stain finish .	No.	2.00		

S. No.	Description	Unit	Qty.	Rate	Amount
8.18	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 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.	No.	1.00		
8.19	Providing and fixing kitchen utensils steel rack of maharaja/VPSK make with brackets fixed on KITCHEN WALL.	No.	1.00		
8.20	Providing and fixing C.P twin coat hook ess/kich or equivalent make fixed to wooden cleats with C.P. brass screws.	No.	2.00		
Total to be carried over the summary					
9.0 ELECTRICAL WORKS					
9.10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	No.	3.00		
A	Group A (FOR EXHAUST POINTS)				
9.2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	No.	3.00		
9.3	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
A	6 pin 15/16 A socket outlet	No.	3.00		
9.4	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
A	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Mtr.	28.00		
Total to be carried over the summary					

S. No.	Description	Unit	Qty.	Rate	Amount
SUMMARY OF CIVIL, INTERIOR_FURNISHING, PLUMBING & ELECTRICAL WORKS					
S.No.	ITEM DISCRPTION				AMOUNT
1A	DEMOLITION WORKS				
1.0	CIVIL WORKS				
3.0	FLOORING WORKS				
4.0	DOOR / WINDOW WORKS				
5.0	ANTI-TERMITE TREATMENT				
6.0	FINISHING WORKS				
7.0	FURNITURE				
8.0	SANITARY WORKS				
9.0	ELECTRICAL WORKS				
	TOTAL AMOUNT FOR CIVIL, INTERIOR_FURNISHING, ELECTRICAL & PLUMBING WORKS				
	DISCOUNT (IF ANY)				
	TOTAL AMOUNT AFTER DISCOUNT				