

SCHEDULE FOR THE MAJOR EXTERNAL AND INTERNAL REPAIR/ FOR "CANARA BANK" STAFF QUARTERS BLOCK NO 41 AT NANDHIM LAYOUT,BANGALORE.



(CUMULATIVE QUANTITIES OF 12 NO FLATS/per block)

NOTE: THE RATES IS INCLUSIVE OF ALL TAXES, LEAD, LIFT, CARTING AWAY ALL DEBRIS FROM SITE AND STAGING WORK/CHIESELING WORK AT VARIOUS FLOOR LEVELS FOR ALL ITEMS.

SL	ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
	CIVIL WORKS				
	ANTI-TERMITE TREATMENT:				
1	ANTI-TERMITE TREATMENT: Providing and injecting chemical emulsion (chlorophyriphos emulsifiable concentrate 1% or other approved equivalent) for post-constructional Anti-termite treatment along the external perimeter of building, surroundings of pipes and conduits etc.,complete for all round the Block.	500	RFT		
	The treatment is to be guaranteed for a period of 5 years from the date of application and a performance guarantee certificate for the treatment for the duration to be submitted to the Engineer in charge in the prescribed format on Rs.200 non judicial stamp paper on completion. Payment shall be made for the running length around the perimeter of the building.				
	b.GDS (GENERAL DISEASE INFESTATION SPRAYING) to control cockroaches, rodents, mosquitoes,Ants, Houseflies,Bugs,Ticks,spiders, silver fishes and Micro pests.	12,000	SFT		
2	Patch work / repiar in stone flooring / Pavement patch work alround the building : Raking out joints of stone flooring in cement mortar, levelling by providing plain cement concrete in 1:2:4 proportion upto a thickness of 50mm and re-pointing, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. The item to be executed in select patches only with prior permission of the Bank.	1,000	SFT		
	DISMANTLING WORKS:				
3	DISMANTLING CHAJJA, FACIA, PORTICO BOTTOM PLASTERING BOTH SIDES:Demolishing existing chajja front and side vertical projections and top and bottom plastering, including reinforcement bar cutting at all floors upto 2nd floor complete including carting away of the debris away from the site and disposing abiding municipal laws complete as per the direction of Engineer In Charge. Payable area shall be for the plan area of the chajja after finishing	2,600	SFT		
4	DISMANTLING OF EXISTING MOSAIC TILES IN STAIR CASE, COMMON LOBBY, MOSAIC FLOORING IN ALL FLATS INCLUDING SKIRTING : Dismantling existing Mosaic tile work in floor / skirting/staircase treads/risers laid in cement mortar including carting away of the debris away from the site and disposing abiding municipal laws complete as per the direction of Engineer In Charge. No seperate payment shall be made for skirting area.	12,000	SFT		
5	DISMANTLING EXISITING CERAMIC TILE AT FLOORS & WALLS Dismantling tile work in floors and roofs laid in cement mortar in locations as below including including carting away of the debris away from the site and disposing abiding municipal laws complete as per the direction of Engineer In Charge.	6,700	SFT		
6	DISMANTLING CONCRETE JALLY AND CONCRETE WINDOW IN UTILITY AREA: Removing the existing precast cement concrete grill work in utility area including carting away of the debris away from the site and disposing abiding municipal laws complete as per the direction of Engineer In Charge	340	SFT		



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7	DISMANTLING RCC KITCHEN COUNTER : Removing the existing RCC/Stone kitchen counter and supporting structure including carting away the debris from site etc. complete with all lead and lift and staging work if necessary at all heights. Approx size per kitchen - 8' x 10'	12.00	Nos.		
8	DISMANTLING RCC KITCHEN CUPBOARD / SHELVES : Removing the existing RCC cupboard/shelves, cutting of reinforcement bars including carting away the debris from site etc. complete with all lead and lift and staging work if necessary at all heights. Approx size per kitchen - 5' x 7'	12.00	Nos.		
9	REMOVING WINDOW SHUTTERS : Dismantling steel window shutters complete and stacking within 50 metres lead as per the direction of Engineer In Charge. Item also includes machine grinding of projected edges and making it even.	1,500.00	SFT		
10	REMOVE BALCONY GRILL WORK : Dismantling existing MS grill work in floors and staircases at all levels including stacking in the site within a lead of 50m as instructed by the Engineer In Charge. The rate quoted shall include cost of all leads and lift, cost and conveyance of all materials, machinery, labour, scaffolding and subsequent cleaning after completion of works.	920.00	SFT		
11	REMOVAL OF ALL DOOR SHUTTER : Dismantling doors of area 3 sq. metres and below wooden shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead as per the direction of Engineer In Charge.	96.00	Nos.		
12	REMOVING EXISTING PLASTERING IN WATER TANK / SLOPED ROOF PORTION: Carefully chipping the existing plastering in the watertank/sloped roof portion including carting away of the debris away from the site and disposing abiding municipal laws complete as per the direction of Engineer In Charge	1,100	SFT		
	WATERPROOFING WORKS:				
13	WATER PROOFING TREATMENT FOR TERRACE & SLOPED ROOF PORTION				
	Providing water proofing treatment over roof slab using CERA/FOSROC/SIKA/DR.FIXIT/ASIAN or other approved equivalent make with standard procedures specified by manufacturer and approved by the Engineer in Charge. The treatment to be carried out by authorised applicator of the approved manufacturer. The brief methodology to be followed are as below :	5,100.00	SFT		
	Chipping off and removing the existing wearing coat/plaster until sound brick bat layer is exposed in the roof slab and RCC in the sloped roof portion as per instructions of the Engineer-in-Charge and carting away the debris and disposing off the same adhering to municipal bye-laws followed by cleaning the surface with wire brush to remove all deleterious matters.				
	Cutting of 'V' grooves along the cracks and wall-slab joints and filled with single part, cementitious, anti-shrink crack fillers at dosages as specified by the manufacturer.				
	Applying a priming or bond coat above the surface of existing Brick bat coba using SBR latex admixed cement mortar (1:3) of thickness upto 25mm while in tacky state as per dosages specified by the manufacturer. Slopes as required to be maintained.				



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	Providing and applying Acrylic polymer - fibre reinforced coating system. The system consists of first coat of brush applied acrylic cementitious fibre reinforced coating followed by laying a glass fibre mesh of 2mm X 2mm weighing 40 GSM while the 1st coat is still wet. The 2nd coat of the same compound shall be applied immediately on placing the mesh, brushing in the direction perpendicular to the 1st coat. A layer of sand is to be sprinkled on this 2nd coat in horizontals while in tacky stage for placing protective screed cover. The thickness of the waterproofing layer shall be a minimum of 1000 microns in dry state. The treatment shall cover the terrace slab and inner/top surfaces of parapet walls and overlap on the external wall surface by minimum of 200mm .				
	Necessary time interval between coats, curing time to be provided as per the methodologies specified by each of the manufacturer. The mixing proportions and coverages shall be also as specified by the manufacturer.				
	Material and methodology of waterproofing to be got apporved by the enginner in charge before application.				
	The area shall be cured by flooding with water for a period of 48 hours and observed for any leakages.				
	APPLICATION TO BE DONE BY AUTHORIZED PROFESSIONALS OF THE RESPECTIVE APPROVED MANUFACTURERS.				
	Payment shall be for the total plan area of the terrace floor only, excluding the parapet wall verticals. Contractors to quote accordingly.				
	Perfomance guarantee certificate of the installed waterproofing system for a period of 5 years to be submitted to the Engineer in charge in the prescribed format on Rs.200 non judicial stamp paper on completion/satisfactory testing of the waterproofing system.				
14	PROVIDING WATERPROOFING TO OVERHEAD WATER TANK : Providng water proofing treatment for OHT using CERA/FOSROC/SIKA/DR.FIXIT/ASIAN or other approved equivaent make with standard procedures specified by manufacturer and approved by the Engineer in Charge. The treatment to be carried out by authorised applicator of the approved manufacturer. The brief methodology to be followed are as below : Providing and applying cement mortar (1:3) of thickness 20mm as protective coating admixed with integral liquid waterproofong compund at dosages as specified by the manufacturer. Slopes as required to be maintained. Item includes providing and applying 2 coats of acrylic polymer modified cementitious waterproof coating at dosages specified by the manufacturer. The coating needs to be an CFTRI approved food grade waterproof coating. Sand shall be sprinkled on the vertical surface to form an anchoring to recieve the protective coating. Perfomance guarantee certificate of the installed waterproofing system for a period of 5 years to be submitted to the Engineer in charge in the prescribed format on Rs.200 non judicial stamp paper on completion/satisfactory testing of the waterproofing system.	1,100.00	SFT		
15	WATERPROOFING OF SUNKEN AREA Providng water proofing treatment over sunken slabs of toilets using admixtures of CERA/FOSROC/SIKA/DR.FIXIT/ASIAN or other approved equivaent make with standard procedures specified by manufacturer and approved by the Engineer in Charge. The treatment to be carried out by authorised applicator of the approved manufacturer. The brief methodology to be followed are as below :Cleaning the surface with wire brush on the slab to remove all deleterious matters.Cutting of 'V' grooves along the cracks and wall-slab joints and filled with cement sand mortar admixed with anti-shrink additives, (modified styrene butadiene rubber (SBR) based) at dosages as specified by the manufacturer.	2,090.00	SFT		



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	Applying a priming or bond-coat above the surface of existing Brick bat coba using SBR latex admixed cement mortar (1:3) of thickness 25mm while in tacky state as per dosages specified by the manufacturer. Slopes as required to be maintained. Supply and application of waterproof coating on the prepared surface in a continuous film on the floor of the sunker portion with 2 coat flexible, micro fibre reinforced, cementitious product modified with special alkali-resistant polymers which can produce a flexible membrane for waterproofing. Two coats should be applied over the horizontal floor surfaces and vertical surfaces of wall over the coving up to 300mm above the final finished floor level (before tiling). The coating shall also be continued on to the inner surfaces of the pipe penetration holes.				
	The first coat of treatment shall be applied over a primer coat. After application of the first coat a fibre cloth mesh to be laid when the coat becomes tacky. Minimum 100 mm lapping to be maintained on the edges of fibre cloth mesh. After curing of the first coat, top coat to be applied on the right angle of first coat and to be allowed to dry for six hours before starting other activities of floor finish. A layer of sand is to be sprinkled on this 2nd coat in horizontals while in tacky stage. Ponding test to be done free of cost for 48 hrs and to check from soffit to ensure zero water seepage from the slab and joints. The treatment shall cover the slab and vertical surfaces of walls by 150mm above the tiled surface level. Necessary time interval between coats, curing time to be provided as per the methodologies specified by each of the manufacturer. The mixing proportions and coverages shall be also as specified by the manufacturer.				
	Material and methodology of waterproofing to be got apporved by the enginner in charge before application. APPLICATION TO BE DONE BY AUTHORIZED PROFESSIONALS OF THE RESPECTIVE APPROVED MANUFACTURERS. Payment shall be for the total plan area of sunker portion, excluding the wall verticals. Perfomance guarantee cetificate of the installed waterproofing system for a period of 5 years to be submitted to the Enginner in charge in the prescribed format on Rs.200 non judicial stamp paper on completion/satisfactory testing of the waterproofing system.				
	MASONRY & GRILL WORKS				
16	4 1/2" WALL CONSTRUCTION IN BALCONY AND PARAPET WALL: Providng and constructing brick work with class A common burnt clay bricks of thickness 4 1/2" in cement mortar 1:4 and curing the wall with all necessary staging at all heights etc.complete.	1,860.00	SFT		
17	M.S.GRILLS FOR UTILITY & BALCONY AREA : Providing and fixing M.S.grills for window and utility with 10mm MS square bars spaced at 100mm c/c bothways with bars neatly welded to each other and fixed to the masonry walls including necessary grouting in to the wall etc. complete as per instruction of architect. Item includes providing and applying a priming coat of approved steel primer and 2 coats of enamel emulsion painting of approved shade.	1,500	SFT		
18	PLASTERING OF CHEJJAS : Thorough cleaning of rusted reinforcement bars to remove corrosion scales using buffing wheel and emery cloth, applying two coats of anticorrosive zinc rich primer of approved brand on cleaned rebars and providing plastering to chajja with SBR latex admixed cement mortar (1:3) of thickness upto 20mm as per dosages specified by the manufacturer including as per manufacturer's specification and directions of Engineer-in-charge including cost of all staging, scaffolding, formwork necessary upto 2nd floor height.	8,350	SFT		



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19	EXTERNAL PLASTERING WORK: Chipping of existing layers of plaster, applying anti-corrosive paint over exposed reinforcement in chajjas, beams & columns and any RCC member, treatment of all cracks by cutting a V groove along the longitudinal section of cracks and filling it with approved fiber glass reinforced crack filling compound or polymer modified mortar admixed with anti-shrink additives (modified styrene butadiene rubber (SBR) at methodologies and dosages as specified by the manufacturer and approved by the Engineer-In Charge and replastering with polymer modified mortar admixed with admixed with modified styrene butadiene rubber (SBR) at 1:1 dosage and as per methodologies specified by the manufacturer and approved by the Engineer-In Charge. The treated surfaces shall be provided with one coat of suitable primer post curing. Rate should include costs of all leads and lift, cost and conveyance of all materials, labour, scaffolding, infrastructure and cleaning after completing the work etc., at all heights upto 2nd floor level and to include incidental charges.	23,000	SFT		
20	CINDER FILLING : Removing of existing cinder/filler material and providing and filling new cinder to the common toilet area and WC including removing existing cinder, debris with all lead and lift and carting away all debris from site etc.complete.	850	CFT		
21	ANTI-SKID CERAMIC TILES FLOORING IN TOILET FLOORING & UTILITY AREA : Providing and laying Ceramic anti-skid floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete. Basic cost of tiles Rs.40/- per sft.	1,800	SFT		
22	CERAMIC TILES DADOING IN KITCHEN AND IN TOILET WALLS : Providing & laying glazed vitrified wall tiles in sizes 300mm x 600mm (thickness to be specified by the manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade in wall claddings over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Item includes the cost of providing PVC tile edge beadings for the projected edges as well. (basic cost of tile :45.00/sft) .	6,000	SFT		
23	VITRIFIED TILES FLOORING: Providing & laying vitrified floor tiles in sizes 600mm x 600mm (thickness to be specified by the manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 20 mm thick bed of cement mortar 1:4 (1cement: 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete with Nano polished tiles of approved make. (Basic cost of tile Rs.50.00/- per SFT)	9000.00	SFT		
24.a	STAIRCASE LOBBY AREA WITH GRANITE : Providing and fixing 18 mm thick machine cut, mirror/eggshell polished, granite stone works for wall lining including dado, skirting, risers of steps etc in required design and pattern wherever required, stones of different finished surfaces in 12mm (average) thick cement mortar 1:3 mix laid and jointed with white cement slurry @3.3Kg/sqm including pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and directed by the Engineer In Charge.Basic cost = Rs. 140 per sft	2,600	SFT		
24.b	Extra for half rounding of granite slab edges	300	RFT		



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25	<p>ALUMINIUM WINDOWS-JINDAL OR INDAL MAKE OR EQUIVALENT: Providing & Fixing of powder coated Aluminium sliding windows (3 TRACK) and shutters of Series- B (18mm), of Jindal or equivalent approved make fixed with all accessories viz. PVC rollers, EPDM gasket, locks, screws etc. The frame should be of sections of size as mentioned below & drain tray system for the bottom frame. The shutters to be fixed with 5mm thick Modiguard make clear float glass using suitable beadings. Junction between masonry wall and Al frame to be filled with poly sulphide selants to ensure water proofing. Sizes of windows as per existing openings / balconies on building. Handle/locking system to be of recess type inserted in shutter.</p> <p>The rate quoted shall include cost of all leads and lift, cost and conveyance of all materials, machinery, labour, scaffolding necessary. Details of sections to be used: Bottom : 92mm x 45.50mm x 1.30mm @ 1.441 kg/m with drain tray (Jindal section no : 21031), Top & sides : 92mm x 31.75mm x 1.30mm @ 0.929 kg/m (Jindal section no : 20621), Details of shutters: Shutters : Series-B (18mm) 50mm x 18.2mm x 1.34mm @ 0.471kg/m, 2 Nos per track with 5.0 mm thick glass panes (weight not less than 12.5 kg per sqm) to the shutters as specified by the Engineer InCharge, 1 No per track with fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture to the shutters as specified by the Engineer InCharge</p>	2700.00	SFT		
26	<p>WPC DOOR SHUTTER & FRAMES FOR TOILETS : Providing and fixing factory made solid Wood Polymer Composite (WPC) single extruded frame of 3" x 2" size having single rebate and provided with 28mm thick solid WPC single extruded door shutter of solid finish fixed with 4" hinges (min 4 Nos). The door frame to be fixed to the walls with holdfasts or bolt fastners (min 4 Nos for vertical members and 2 Nos for horizontal members). Each shutter to be provided with 1 No of cylindrical lock, 2 Nos of PVC handles, 2 Nos of PVC aldrops & 2 Nos of PVC tower bolts (5"). Each shutter shall be of size approx 2.5' (W) x 7'(H).</p>	36	NOS.		
27	<p>FLUSH SHUTTERS FOR BED ROOMS, KITCHEN, UTILITY AREA: Providing and fixing flush door shutters of required sizes using 35mm thick MR grade block boards of approved makes with 5mm thick alround teakwood lipping fixed with good quality adhesives, screws and nails. The door shall be finished with 1mm thick lamination of approved shade on both the sides. The laminates to be fixed by factory pressing at requisite pressures using good quality adhesives/SR. All the exposed wood / wooden beadings shall be neatly finished with 2 coats of wood polish & stained to required colour. All the accessories used shall be of concealed type. Combination of laminate shades with necessary groove cuttings as specified by the Engineer In charge to be provided. Each door shutter of approx size 900mm x 2100mm to be fixed to the frames using 100mm length stainless steel butt hinges - 4 Nos (min), 2Nos of SS tower bolts, 2 Nos SS tubular handles and 1 No of door stopper.</p>	60	NOS.		
28	<p>RELAMINATION WORK FOR ALL FLATS ENTRANCE DOOR (BOTH SIDES) : Removing existing wooden door shutters and providing & fixing with 1mm thick satin finish lamination of approved shade on top of existing wooden doors after removing existing paint layers and preparation of surface. The door shutters to be fixed back to the frames ensuring proper levels.</p>	600.00	SFT		
29	PROVIDING A FIXING NEW FIXTURES FOR THE DOORS				
a	Main door lock - Godrej twinbolt Ultra XL+ or equivalent	12.00	NOS.		
b	Peephole	12.00	NOS.		
c	SS Tower bolts - 100mm	72.00	NOS.		
d	Magnet catch	60.00	NOS.		



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e	SS Tubular Handles - 600mm	108.00	NOS.		
30	STAIR CASE HEAD ROOM CEILING PLASTERING : Providing and laying of Stair case head room plastering with CM 1:4 propen. Admixed with suitable bonding agents including cost of shuttering work, curing work etc.complete as per instruction of architect.	800.00	SFT		
	PAINTING WORKS:				
31	EXTERNAL PAINTING INCLUDING COMPOUND WALL 2 SIDES : Providing and finishing external walls in two coats with Asian Paints Ace Exterior Emulsion paint or equivalent of approved brand and shade over a coat of approved primer and crack filling putty to give an even shade after thoroughly brooming/sand papering the surface to remove all dirt and loose powdered material, free from mortar drops and other foregin matter, rate is inclusive of cost of materials, labour complete as per specifications with primer.	31,000	SFT		
31	INTERNAL PAINTING: Providing & applying to the interior wall surfaces with interior grade water based emulsion of Asian Paints Tractor Premium make or equivalent with silicon additives and anti-fungal properteis in two coats as per methodologies prescribed by the manufacturer. The item includes filling the cracks with approved crack fillers, washing, thorough scraping of existing loose paint layers, dirt etc. A combination of shades as per instructions of the Engineer-In Charge to be provided. The rate coated shall include cost of all leads and lift, cost and conveyance of all materials, labour, scaffolding and subsequent cleaning of floor etc after completion of worksetc, complete with all lead and lift as directed by the architects. (Make- ASIAN, BERGER) (all floors)	43,000	SFT		
32	ENAMEL PAINT FOR STAIR CASE RAILING, WINDOW GRILLS, BALCONY GRILLS, GRILL OF COMPOUND WALL AND GATE: Providing & applying one coat of synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on old work after throuogh cleaning and scrapping off the exisitng dirt, stains and loose layers of paint. The rate coated shall include cost of all leads and lift, cost and conveyance of all materials, labour, scaffolding and subsequent cleaning of floor etc after completion of works to give even shade and satisfactory finish at all heights complete.	6,600	SFT		
	PLUMBING AND SANITARY WORKS:				
33	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.Concealed work, including cutting chases and making good the walls and floors. (Astral/ashirvad brand)				
a	20mm dia	1,650.00	RFT		
b	32mm dia	770.00	RFT		
c	50mm dia	130.00	RFT		
34	Providing and fixing uPVC pipes (4kg/cm2) of nominal diameter as mentioned below with all uPVC fittings such as collars, couplers, rings etc. This includes jointing of pipes & fittings with ring sealents, rubber lubricants & testing of joints complete as per direction of Engineer in Charge in the sunken and external area, rain water drop pipes with proper slope and adhesives complete				
a	110MM Dia	1,100.00	RFT		



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b	75MM Dia	500.00	RFT		
c	150MM Dia	300.00	RFT		
d	150MM Dia with PVC SWR Pipe line 10kg/cm2	200.00	RFT		
35	Providing PARRYWARE Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required. All items & fixtures shall be of the approved make (Jaquar, Cera, Hindware, Parryware) Jaguar Continental Series (Model : CNS-WHT-553SN) with soft close seat covers or equivalent and Flushing Cistern : Parryware Slimline Superio or equivalent with all necessary fixtures and fittings	16.00	Nos		
36	Providing and fixing White Vitreous china Orissa pattern Water closet squatting pan pan of size 580x440 mm with integral type foot rests (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required. All items & fixtures shall be of the approved make . Parryware (Model : Orissa) Flushing Cistern : Parryware Slimline Superio or equivalent	8.00	Nos		
37	PILLAR COCK: Providing & fixing chrome plated brass pillar cock having foam flow technology with all necessary fixtures and fittings (Jaquar Essco - Model No : APR-101001M or equivalent of other approved makes)	24	NOS		
38	BIB COCK: Providing and fixing chrome plated brass bib cock with all necessary fixtures and fittings (Jaquar Essco - Model No : TQT-511 or equivalent of other approved makes)	48	NOS		
39	ANGULAR STOP COCK: Providing and fixing CP angular stop cock of approved make conforming to ISI specifications with cutting and making good the wall and floor wherever required, including cost of materials, labour etc complete in all respect as per specifications and instruction / approval of Engineer in charge. with all necessary fixtures and fittings	84	NOS		
40	C.I.NAHANI TRAP: Providing and fixing 110mm uPVC floor trap of self-cleansing design with 50mm water seal and with grated SS jali of required size with all necessary fixtures and fittings.	72	NOS		
41	PVC FLEXIBLE CONNECTION PIPE: Providing and fixing uplasticised PVC connection pipe with brass unions with 45 cm length and 15 mm / 20mm nominal bore	84	NOS		
42	WALL HUNG WASH BASIN: Providing and fixing parryware make white vitreous chine clay flat back wallhung wash basin size 550X440mm with a 32mm CP brass waste of standard pattern, painting of fittings and brackets , cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Jaquar Essco Model No : CMS-WHT-103801 or equivalent of other approved makes	12	NOS		
43	CORNER WASH BASIN : Providing parryware make corner wash basin with necessary fittings with pedestal type. Jaquar Essco Model No : ECS-WHT-803 or equivalent of other approved makes	12.00	Nos.		
44	MIRROR: Providing and fixing mirror of superior glass (of approved quality and make) and of thickness not less than 6mm of oval shape with outer dimensions not less than 350mm(L) x 450mm (H) fixed with mirror screws.	24	NOS		



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45	Providing and fixing chrome plated towel rail of 18" or more length. (Model No : AEC-1111B)	24	NO		
46	Providing Concealed stop cock of Jaguar/JAL make 20mm size with all necessary fixtures and fittings	24	Nos		
47	Providing and fixing readymade acrylic corner type shelf with railings of approved quality and colour (9" radius)	24	each		
48	Providing Jal/Jaguar/Ess Ess Flush valve of 32mm size fixed at a proper area with all necessary fixtures and fittings	12.00	Nos		
49	Providing & fixing chrome plated brass swan neck sink cock having foam flow technology	12.00	Nos		
	Jaquar Essco Model No : APR-101347N				
50	Providing and fixing CP Brass Single lever telephonic wall mixer with 3-in-1 system for hand/overhead shower of quality & make as approved by Engineer in charge.	24.00	Nos		
	Jaquar Essco Model No : TQT-517B or equivalent of other approved makes				
51	Providing and fixing CP Brass 2 way bib cock with health faucet unit with 15mm connection and 1.20m long pipe including CP holders, screws, fasteners etc necesasary	16.00	each		
	Jaquar Essco Model No : APR-101041 or equivalent of other approved makes				
	Jaquar Essco Model No : ALE-BLK-583 or equivalent of other approved makes				
52	Providing and fixing C.P. brass shower rose of 100mm diameter with 15 or 20 mm inlet (Jaquar Essco Model No : EOS-542A)	24.00	Nos		
53	CPVC Gate Valve 50mm with all necessary fixtures and fittings	4.00	No		
54	CPVC Gate Valve 32mm with all necessary fixtures and fittings	3.00	No		
55	CPVC Gate Valve 20mm with all necessary fixtures and fittings	12.00	No		
56	Providing 100mm P trap for chamber with all necessary fixtures and fittings	16.00	No		
57	INTERNAL ROUGH PLASTERING WORK FOR BACK SIDE OF TOILET WALL TILE CLADDING AREA :Providing rough plastering in C.M 1:4 of 15mm average thickness including all necessary scaffolding and curing wherever required etc.,complete	6,500.00	SFT		
58	GRANITE PLATFORM IN KITCHEN AREA : Providing and fixing 30 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut Granite of jet black colour / shade for kitchen platforms, vanity counters and similar locations of required size, approved shade, colour and texture fixed to the walls, joints treated with epoxy grout of matching pigment, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. (Basic price Rs.160/ sft)	230.00	SFT		
	Extra for machine grinding for full rounding of edges	16.00	RFT		
59	CONSTRUCTION OF CHAMBERS : Construction of 2'x2'x1'6" for single pipe line using 4" solid block, inside plastering 12mm thick and bed concrete etc.complete as per instructions of architect	12.00	Nos.		
60	EARTH WORK EXCAVATION FOR LAYING OF PIPE LINES/ CHAMBER WORKS : Providing earth work excavation for levelling, lowering the ground manually drains, trenches of pipe lines and removing the excavated stuff to a distance not exceeding 50 m and lift upto 1.50m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking etc.complete as per instructions of architect.	300.00	CFT		



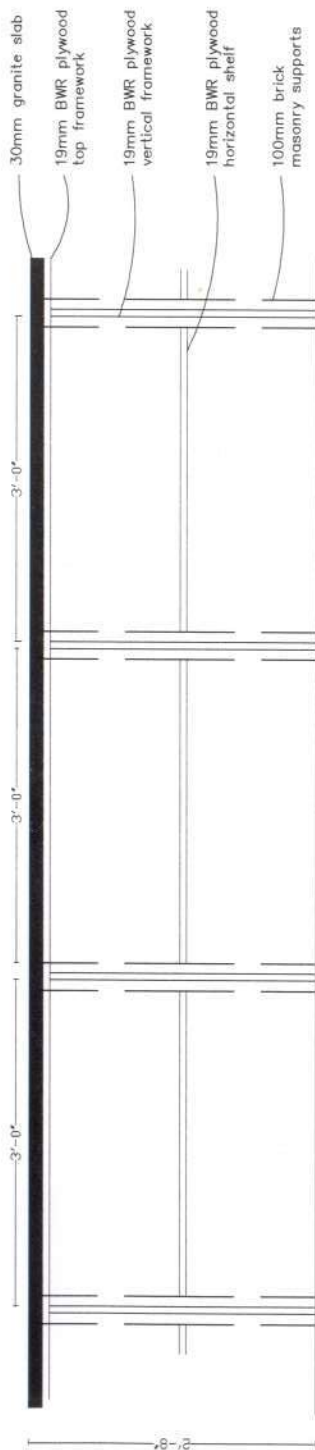
	ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
61	MS COVER FOR CHAMBERS : Providing and fixing of 2'x2' CI Chamber cover plate including cost of material, welding and labour charges etc.complete as per instructions of architect.	12.00	Nos		
	FURNISHING WORKS				
62	KITCHEN LOW LEVEL CABINET : Providing and fixing counter bottom storage units (height approx 2'6" and width approx 2' with vertical supports using 19mm thick BWR grade reputed and approved make water proof plywood spaced at 36" c/c or less and intermediate horizontal support of spanning between the vertical supports using 19mm thick BWR grade reputed and approved make water proof plywood. The front face to be provided with shutters and allround frames made of 19mm thick BWR grade reputed and approved make water proof plywood. All the internal exposed plywood surfaces should be provided with 0.8mm thick laminate of approved make and shade and the front face of the shutters/framework to be provided with 1mm thick lamination of high gloss finish. The exposed edges to be provided with 2mm thick PVC egde banding of matching shade. All shutters to be provided with G profile stainless steel matt finished handles along the edges. All shutters to be fixed with soft closing cup hinges of approved makes. Payment will be made on the elevation area (L X H) measurements.	380	SFT		
63	Wardrobe in bed room (new): Providing, fabricating and fixing box type wardrobe of 7'0" height and 1'9" deep. The vertical supprots spaced at 3' or part thereof to be provided and horizontal supports at 0', 1'6",3'0",3'8" & 7'0" to be provided using MR grade 19mm Thick plywood of approved make. The rear side of wardrobe to be provided with 8mm thick approved make MR grade plywood. All the exposed plywood surfaces like doors, shelves, verticals, horizontals & support structures to be fixed with 1mm thick satin finish laminate on outer sides (wood grain finish) and 0.8mm thick satin finish laminate (solid grey shade) on inner surfaces of approved shade & approved makes. All shutters to be fixed with soft closing full overlay cup hinges (Ebco E-HS1-SS or equivalent of other approved makes, min 2 Nos per shutter) . Stainless steel hollow hanger pipes of 20mm diameter with necessary fixing arrangements should be provided to facilitate cloth hangers. All the exposed edges of plywood's shall be provided with approved make matching colour 2mm thick PVC edge binding. Approved make adhesive should be used. The entire unit should be fitted/bolted to wall with 3" long GI screw/bolts. Payment will be made on the elevation area (L X H) measurements.	420.00	SFT		
65	NEW TV WALL UNIT ALL THE FLATS : Providing and fabricating wall unit as per the design by using 30mm thick MR grade plywood of approved make of apporx size 5'x4'. All exterior surface of the block board shall be fixed with 1mm thick lamination of approved shade and all edges to be provided with 2mm thick PVC edge banding. The cabinet will get fixed with 2 Nos of 12mm thick glass shelves of size 12" x 6" at the corners and a shelf of depth 9"along the bottom edge all through the length of the unit and finsihed with 1mm thick lamination of approved shade. This rate includes cost of all materials, labor, and taxes, lead and lift, to the place of work. Payment will be made on the elevation area (L X H) measurements.	240.00	SFT		



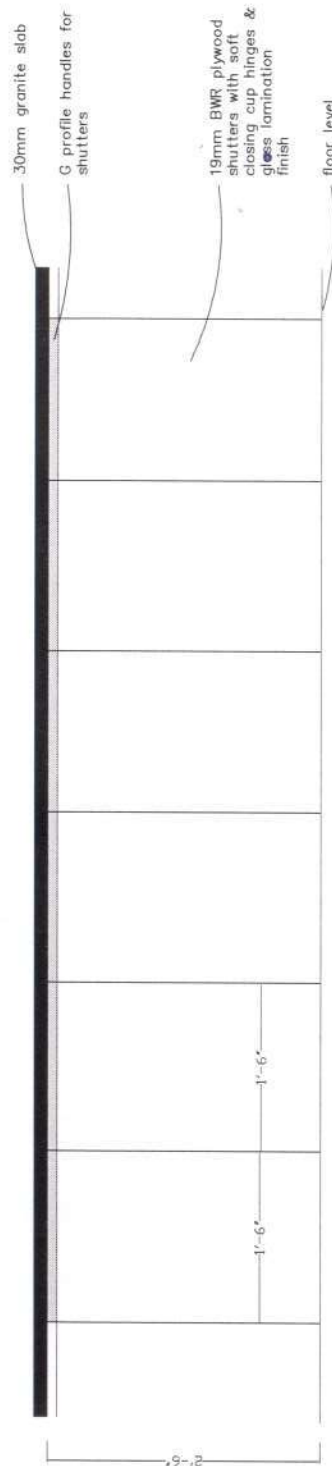
SL	ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
66	RELAMINATING AND REMODELING THE EXISTING WARD ROBES: Remodelling and relaminating work to existing ward robes by removing existing wooden door shutters, resizing if required and providing & fixing with 1mm thick satin finish lamination of approved shade on the front face of existing shutters after removing existing paint layers and preparation of surface. The inner sides, shelves to be provided with 0.8mm thick lamination of approved shade. The shutters to be fixed back with new 'H' handles (1 No per shutter), SS hinges (min 3 Nos per shutter), tower bolts, magnetic catches wherever necessary. Payment shall be made for the finished elevation area of the wardrobe unit.	900.00	SFT		
	ELECTRICAL WORKS				
67	Supply and fixing of new Concealed Metal (G.I) Box and front cover plates(PVC). Item includes making necessary cutting of walls, filling up of pockets and replastering wherever necessary ensuring smooth finish. No separate cost shall be paid up for such plastering work and making the surface good.				
a)	2 Model Box	12	Nos.		
b)	3 Model Box	12	Nos.		
c)	4 Model Box	60	Nos.		
d)	6 Model Box	72	Nos.		
e)	8 Model Box	24	Nos.		
f)	12 Model Box	24	Nos.		
68	Supply and installation following switch and socket with indicator of CPL/Anchor Dyna make on PVC moulded box with necessary hardware and interconnection wiring				
a)	6 Amp switch	600	Nos.		
b)	6 Amp 2 in 1 sockets	204	Nos.		
c)	25 Amp switches	60	Nos.		
d)	25 amp 2 in 1 sockets	96	Nos.		
e)	25 amp top	24	Nos.		
f)	32 Amp DP	46	Nos.		
69	Providing New power point using 4.5sq.mm copper wire havells make for Washing Machine/Mixer grinder/Microwave/Refrigerator/Geyser etc	96	NO.		
70	Supply and installation of PVC Holder of ANCHOR ROMA/HAVELLS make over modular plate and box with necessary hardwares	180	nos		
71	Providing and installation of call bell point using 2 x 1.5 sq.mm PVC insulated MSCC wire in PVC conduit with bell push with call bell and necessary hardwares	12	nos		
72	Providing New light/fan points using 3 x 1.5 sq.mm PVC insulated copper wire(Havells make) in 20mm dia PVC conduit including ceiling rose with necessary hardwares	144	nos		
73	Supply and installation of Electronic step type fan regulator of ANCHOR ROMA modular plate and box with necessary hardwares	60	nos		
74	Supply & Installation of following fixtures with down suspension rod, bowel socket, round block, check nuts, connection lead cable and necessary hardwares to complete the installation				
a	18 W/20 W 4 ft LED batten. Make- Wipro/Crompton/Philips/Orient	96	nos		
b	12" Heavy Duty Exhaust Fan for Common Toilets & UPS Room Crompton/Bajaj/Usha/Orient)	12	nos		
c	40 W LED waterproof outdoor light for Terrace and entrance	8	nos		
75	Common area(Steps/Parking/Entrance wiring using approved wiring etc with all necessary harwares etc complete	1	LS		
76	Providing and fixing Motor Boxes 2'x2' Metal Box with all necessary hardwares etc complete	1	No.		

SL	ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
77	Providing UPS wiring(input + output) of all flats using 2 x 1.5 sq.mm copper cable Havells make etc complete with all necessary hardwares	360	Mtrs		
80	Providing 2 x 6Sqmm + 1X2.5Sq mm enclosed I, 1" open conduits running from the DB to the intake line of the flat	300	RFT		
81	Providing Copper 16 Guage run through open for earthing	150	RFT		
82	Refurbishing of existing earth pits	2	Nos		
83	Providing 2x 2.5Sqmm + 1.0 Sq mm enclosed I, 3/4" open conduitsrunning from the supply to external lights around the building.	300	RFT		
84	SITC bus bar of the existing configuration on the main DB and reconnecting the power connections	2	LS		
TOTAL					
				CGST	
				SGST	
GRAND TOTAL					

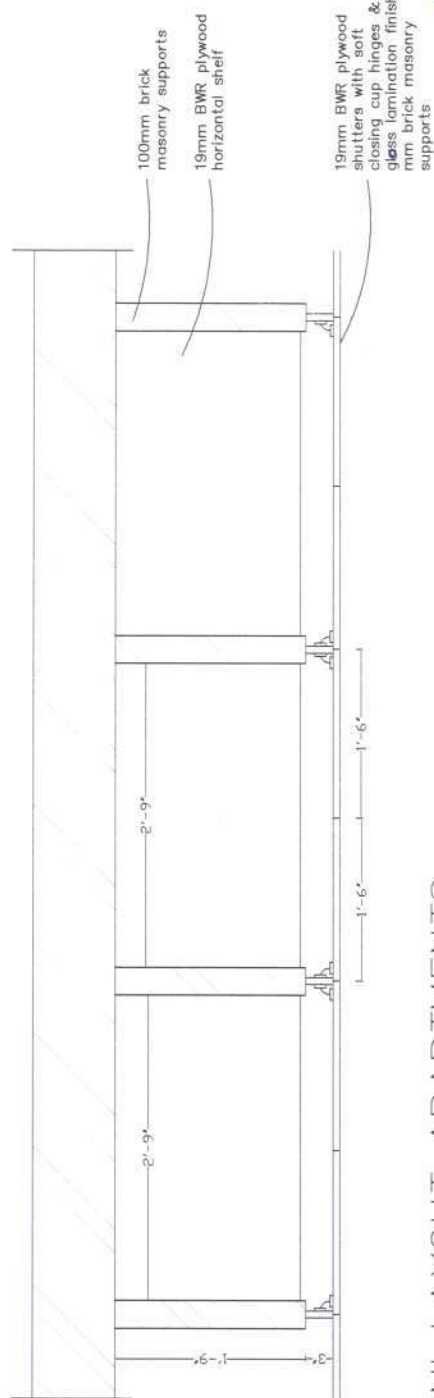




FRONT
ELEVATION
INTERNAL



FRONT
ELEVATION
EXTERNAL

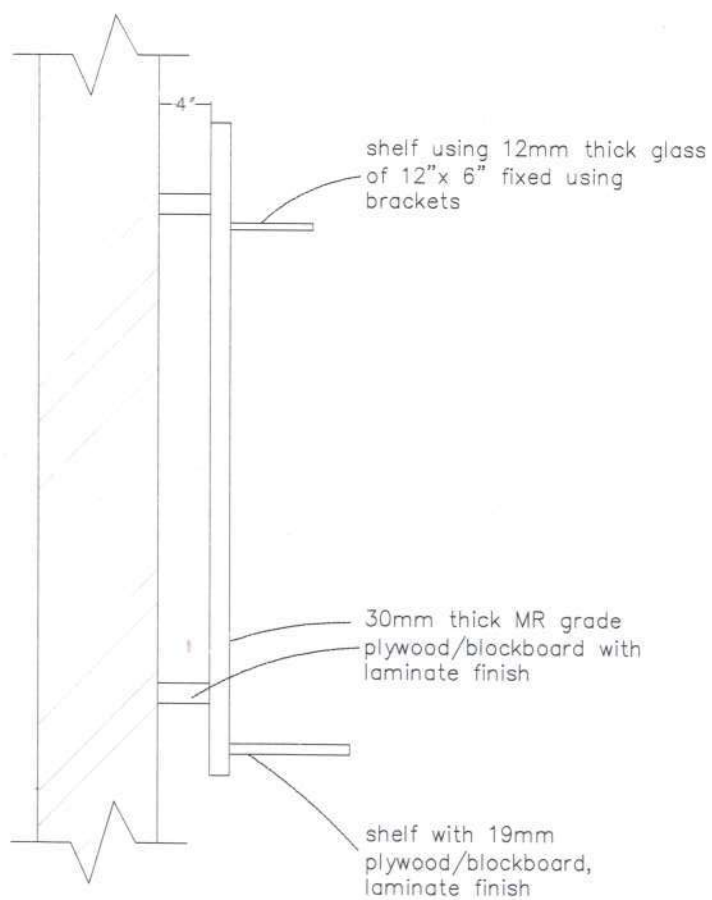
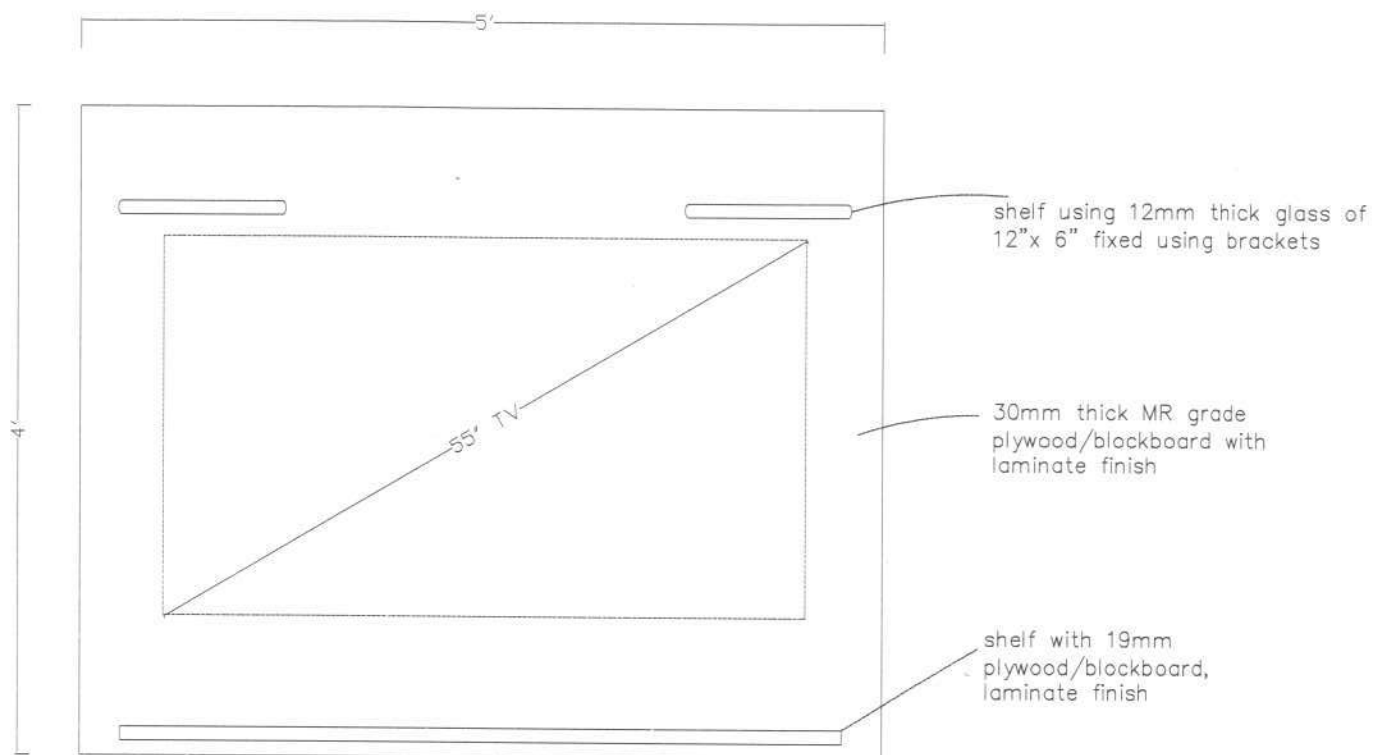


PLAN

BLOCK 41, NANDINI LAYOUT APARTMENTS
KITCHEN LOW LEVEL CABINET



*The measurements shown are indicative only. Minor variations due to site conditions to be accounted.



BLOCK 41, NANDINI LAYOUT APARTMENTS

NEW TV WALL UNIT IN ALL THE FLATS

