

**RENOVATION WORKS, INCLUDING CIVIL, PLUMBING,  
PAINTING & ELECTRICAL WORKS  
IN 'F' BUILDING OF NABARD STAFF QUARTERS  
AT 459, SALISBURY PARK, PUNE.**

**BILL OF QUANTITIES**

**GROUND FLOOR (VEF)**

<b>CIVIL</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
1	Demolishing of existing masonry of following type in cement or lime mortar to levels as directed, including stacking of servicable materials within 300 M lead in premises as directed and disposing away unservicable materials from the site, all lifts, preparation of surface to receive new work as necessary, etc., complete.	Cu.M	30		
2	Demolishing of existing lofts & railings & R.C.C. Chajja to levels as directed, including stacking of servicable materials within 300 M lead in premises as directed and disposing away unservicable materials from the site, all lifts, preparation of surface to receive new work as necessary, etc., complete.	Cu.M	3		
3	Dismantling of Existing Plumbing, Sanitary ware & Fitting etc. Inculing external G.I. & P.V.C.(SWR Quality) Pipelines	LUMSUM	3		

4	Removing Existing Windows & Doors with Frames i) Windows ii) Door	Nos Nos	12 13		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
5	Removing the existing skirting tiles of following types without removing bed concrete / plaster including stacking the servicable materials within 100 M lead in premises, disposing away unservicable materials from the site, all lifts, etc., complete.	Sq.M  Cu.M	92		
6	Providing Siporex block masonry Light weight (77mm thk) with in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints, watering and scaffolding etc.complete.		14		
7	Providing Siporex block masonry Light weight (200 to 230 mm thk) with in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints, watering and scaffolding etc.complete. OR R.C.C.Paradi (100 mm thk.) (quote Rate only) (For enclosed Balcony area)	Cu.M  Cu.M	16		
8	Construction of R.C.C. Chajja	Cu.M	1		

9	R.C.C. Lintel	Cu.M	0.35		
10	Internal Plaster to walls 20 mm thick internal cement plaster (with neeru ) in two coats, backing coat (1:4) and finishing coat 5 mm thick (1:3) using sand passing through 1.5 mm sieve /neeru,to concrete, brick or stone surfaces in all positions, including fixing 150 wide strip of "Plastermesh" nailed to both the surfaces at every flush junctions of brick	Sq.M	470		

	Item	Unit	Qty	Rate IN `	Amount IN `
	& R.C.C. work, raking out joints in masonry, hacking concrete surfaces at close intervals & or brushing and stippling 'Ask-O-Stick' / Hack Aid Plastt' bonding primer on concrete surfaces, internal rounded angles, chamfers or rounding to edges as directed, finished even smooth, taking out sand grains by sponge, scaffolding, curing, etc., complete.				
11	External Plaster to walls Providing 20mm thk. External plaster in cement mortar in all position including base coat of 15mm thk. in cement mortar (1:4), curing the same and keeping the surface of the base coat rough to receive 8-10mm thk. finishing coat in cement mortar (1:4) by taking out grains using waterproofing compound as manufacturer's specification and curing for 14 days, scaffolding etc. complete.	Sq.M	260		

12	Waterproofing of toilets Providing 'Brick bat coba in cement mortar (1:4), using brickbats of 40 mm & down size, in sunk portions of slab, including compaction curing, ramming, watering, etc., complete.	Sq.M	15		
13	Flooring of Toilets (Basic Tile Rate Rs. 30 - 35 /- per Sq.Ft.) Providing and laying flooring of (Non slip) ceramic tiles for toilets of approved make, 6 mm thick & of approved size, shades & patterns, on 20 mm (1:4) cement mortar with cement float, filling compound with pigment to match, rubbing, cleaning, curing, whole as per manufacturer's specifications, etc., complete.	Sq.M	12		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
14	Toilets Dado (Basic Tile Rate Rs. 30 - 35 /- per Sq.Ft.) Providing and laying ceramic skirting or Dado generally 2100mm high, 5 mm thick (300 x 300 or 300x 450 mm edge cut) of approved brand manufacturer & of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints with 'Roff tile mate', watering, rubbing, cleaning, whole as per manufacturer's specifications, etc. complete. (Rate to Include removal of brick work to see that skirting is flush with wall. A groove between wall plaster & skirting is to be provided at no extra cost.)	Sq.M	62		

15	Vitrified Flooring i Providing and laying pre-polished vitrified tile flooring (600mm x 600 mm) of approved brand manufacture & of approved shade and pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints watering, rubbing, cleaning, etc. complete Basic tile rate Rs.110 /p/sft	Sq.M	100		
	ii Vitrified Flooring Skirting Providing and laying pre-polished vitrified tile skirting.75mm high skirting of approved brand manufacture & of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints watering, rubbing, cleaning, etc., complete. (Rate to Include removal of brick work to see that skirting is flush with wall.A groove between wall plaster and skirting is to be provided at no extra cost.) Basic tile rate Rs.110 /p/sft	R.M	110		

	Item	Unit	Qty	Rate IN `	Amount IN `
16	Granite window Framing Providing and laying 25mm thk.hand cut / machine cut Granite sills of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float,filling joints with "Roff tile mate", watering, rubbing, cleaning, etc., complete. Basic granite rate Rs155 /p/sft	R.M	70		

17	Granite Door Framing (Toilet Doors) i Providing and fixing Granite stone door frame 125 X 62.5 mm, 32 mm thk. (finished size), Single leaf both side laminated flush door, as per directions, chromium plated steel oxidised fittings, steel hinges, holdfast of approved type, ironmongery, one coat of primer with putty finish & two coats of acrylic emulsion paint of approved shades & make etc. complete Basic granite rate Rs150 /p/sft	R.M	23		
	ii Doors Providing and fixing flush doors for toilets Size : 762 mm x 2100 mm The door shutter shall consist of 35 mm thk W.P. flush door. The door shall be finished on both sides with 1mm thk. Laminate & edges finished in matching melamine polish. The door will have glass as per specified in the drawing. The door should be inclusive of necessary heavy duty hinges, stoppers, Locks, buffers, door closer, handles etc. complete.	Nos	4		
18	Aluminium sliding windows Providing & fixing powder coated aluminium windows as per specifications, including profiles, accessories, gaskets, fabrication	Sq.M	18		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
	& installation, frame fixing in position by Fischer Screw mechanism, sealants, glass etc., complete. (The work is inclusive of				

	necessary civil work like chipping, filling, scaffolding).				
	ii Part fixed & part louvered window (with Exhaust fan)				
19	Teak Wood Door Frames Providing and fixing Teak Wood door frame 125 X 62.5 mm, 32 mm thk. (finished size), Single leaf both side laminated flush door, as per directions, chromium plated steel oxidised fittings, steel hinges, holdfast of approved type, ironmongery, 1 coat of primer with putty finish & two coats of acrylic emulsion paint of approved shades and make etc. complete	Nos.	7		
	ii Laminated Doors Providing and fixing flush doors for toilets Size : 915 mm x 2100 mm The door shutter shall consist of 35 mm thk W.P. flush door. The door shall be finished on both sides with 1mm thk. Laminate & edges finished in matching melamine polish. The door will have glass as per specified in the drawing. The door should be inclusive of necessary heavy duty hinges, stoppers, Locks, buffers, door closer, handles etc. complete.	Nos	7		
20	Kitchen Platform with S.S.Sink Providing and fixing Granite counter of 686 mm deep and 838 mm ht. with kadappa (37.5 mm thk. under structure.	R.M	5		

	Item	Unit	Qty	Rate IN `	Amount IN `
	At the front edge of platform provide 57 mm ht facia patti of Granite & edges of the same should have full round moulding, including of cutting of kadappa slab & granite slab to receive S.S. Sink (Nirali - 535 mm x 460 mm) & the necessary plumbing /drainage arrangement should be done for the sink The rate should be inclusive of providing & laying necessary backing material & joint filling compound of the same shade of the Granite. (Basic Rate of Granite Rs. 150/- per Sq.Ft.)				
i	S.S.Pull outs (S.S.Grade 304) Providing and fixing shutters and pull-outs of height 750 mm below granite platform as per specified in the drawing. All the shutters shall have internal & external surfaces finished with 1 mm thk laminate.Division of shutters will be made as per the requirement, please refer detail drawing. All the exposed edges will have 25 mm x 6mm T.W. lipping / edge banding Patti. Inclusive of all necessary fittings like hinges, locks, channels, magnet catches,handles of approved design.	Sq.M	4.2		
ii	Dado Providing and fixing ceramic tile of approved brand manufacture & of approved shade and pattern as per specified in the drawings. The	Sq.M	10		

	area includes above platform & below Overhead storage, on wall including side walls upto lintel level. Dado with C.M.1:4 including neat cement float filling with white cement slurry, curing, cleaning etc. complete.				
<b>M. S. FABRICATION</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
21	M.S.Grill for windows Providing & fixing M.S.Fabricated Grills made out of 12 mm sq.bar (grid size 102 mm x 152.4mm) with M.S.Angle or tube framing as required & with necessary fixing fastners.The Grills will have A.C. Box framing as & where required with two coats of red oxide paint etc complete.	Sq.M	42		
<b>WALL MOUNTING &amp; FALSE CEILING</b>					
22	P.O.P wall mounting Providing and fixing in position 12 mm thk P.O.P. wall mounting on sand faced plaster wall with necessary leveling etc. and complete.	Sq.M	540		
23	P.O.P False Ceiling Providing and fixing in position P.O.P. false ceiling as per manufacturer's specification and instructions with 12 mm thk. P.O.P. panel screw fixed to the underside of suspended.GI grid should	Sq.M	100		

	<p>be constructed and suspended from the main ceiling as per manufacturer's instruction. The ceiling shall have cornice, molding etc. as per design.</p> <p>Rate shall be inclusive of any vertical ceiling part, spot, tube light, A.C. Grills, fire and security systems cut outs, manufacturers guidelines to be followed strictly.</p> <p>Additional supports for electrical fittings &amp; A.C. grills etc should be provided.</p> <p>(Note: Flat measurement shall be billed. i.e. only horizontal plane measurements will be taken inclusive of vertical drops etc.)</p>				
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
	<p style="text-align: center;">OR</p> <p><b>Gypsum Board Ceiling</b> (quote Rate only)  Providing and fixing in position Gypsum board false ceiling as per manufacturers specification &amp; instructions with 12 mm thk. Gypsum board panel screw fixed to the underside of suspended. GI grid should be constructed and suspended from the main ceiling as per manufacturer's instruction. etc complete.</p>				
	<b>MISCELLANEOUS</b>				
24	<p>Anti termite treatment (All 3 Floors)  Providing general pest control services to the building to control the nuisance of cockroaches, lizards, pinbores &amp; other insects etc.with 4 operations in a year</p>	Sq.M	282		

	& monthly check up				
25	PVC pipe for Rain Water 100 mm Pipeline Providing & fixing P.V.C. pipe, for rain water of approved make and following internal diameter, with special adhesive solution for joints, with holder bats or dash fasteners, fixing to wall or ceiling detachable M.S. brackets and clamps as directed, specials such as tees, shoes, etc., roughening to receive one coat of primer & two coats of synthetic enamel paint of matching shade as per wall paint, testing, etc., complete.	R.M	38		

	Item	Unit	Qty	Rate IN `	Amount IN `
26	Water proofing for R.C.C. Chajjas Special waterproof tretment over R.C.C. roof, injecting special waterproofing compound with cement solution in weak spots in the roof Preparing and cleaning the surface, 12mm base coat of (1:4) cement mortar in 2 coats laying bricks and brickbats (10 to 12.5 cm average thickness) to slopes of (1:100) or as directed, grouting the gaps in brick work with cement slurry and (1:5) cement mortar & finally covered with 20mm jointless waterproof cement plaster (1:3) finishing smooth and 30cm x 30cm tile marks, 10cm round coving at wall junctions,	Nos.	8		

	rounding at ends where necessary, pond curing with lime mortar bunds as directed, flooded with water for a minimum period of two weeks and for final test etc., complete. Slabs & Chajjas) (Algiproof 150 ml per bag of cement ( to be added during execution of work.) (Work to be done from approved waterproofing agency, giving guarantee of ten years.) (Minimum usage 0.5 bag of cement per SQM)				
27	Steel bars for reinforcement for R.C.C. work (Steel Basic Rate Rs 34 /kg) Providing & Fixing in position tested steel bar Reinforcement of various diameters for all types of R.C.C. Work & like, as per detailed designs & as directed, including cutting, bending, hooking the binding with wires of approved quality & guage or rack welding & supporting as required, steel wire brushing. etc. complete.	MT			

	Item	Unit	Qty	Rate IN `	Amount IN `
28	Bk. Work Masonry 230mm 100mm Providing second class Burnt Brick Masonry with conventional/I.S. type bricks in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints, watering & scaffolding etc. complete.	Cu.M			

29	A.C.P as per design & drawing (quote Rate only) Providing and fixing aluminium composite panels of approved make & colour as per design and drawings including profiles, accessories,gaskets, fabrication & installation framefixing in position by Fischer screw mechanism, sealants, etc., complete. (The work is inclusive of necessary civil work like chipping, filling, scaffolding. The work is to be got done by agency approved by the Architect)	Sq.M			
30	Site cleaning (Removing debris, temporary structures etc.) Leaving the site clean by removing all the building debries, temporary structures, platforms, poles, posts & PCC areas & leveling the ground compatible to the surrounding area etc. complete	Lumsum			
31	Ground Floor P.C.C. Providing and laying in situ cement concrete (1:4:8),using trap stone metal 40mm. & down size, graded, in foundation & plinth flooring, including dewatering, form work, compacting and curing, etc., complete.	Cu.M			
<b>Total Amount Rupees</b>					
<b>PLUMBING</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>

<p>1 Sanitary Ware</p> <p>i Water Closet (Wall Mounted)</p> <p>Providing and fixing in position white glazed vitreous china European type water closet ( Wall Mounted) with or without vent, of approved make and type, with inegral, 'P' or 'S' trap joining to soil pipe in soil &amp; vent pipe upto the outside face of the wall, with 12.5 litres capacity compatible glazed vitreous flushing cistern of same make with brackets, all internal fittings, Polythene float valve, overflow connection with mosquito proof coupling of approved municipal design, chain, 15mm dia Chromium plated brass tested stop cock of heavy quality, 40mm flush pipe with 40 mm solid drawn lead CPVC flush pipe under flooring, CPVC flexible inlet water connection with chromium plated nuts, 45cm min length, cutting chase in wall for flush pipe &amp; making good, painting of exposed pipes, cutting &amp; making good walls &amp; floors, etc, complete. ( Hindware constalation &amp; jaq florantine stopcock</p>	<p>Nos.</p>	<p>4</p>		
<p>ii Wash Basin (Hindware series)</p> <p>Providing and fixing in position coloured vitreous china 51cm x 41 cm wash basin of approved type and manufacture, C.I. brackets of concealed type, 32 mm dia chromium plated waste coupling with rubber plug, 32 mm dia chromium plated brass bottle trap, 15 mm chromium plated pillar cock of approved type &amp; manufacture,</p>	<p>Nos.</p>	<p>4</p>		

	Item	Unit	Qty	Rate IN `	Amount IN `
	15 mm CPVC flexible inlet connection min.				
	450mm long, 15 mm dia., chromium plated brass heavy quality stop cock with fancy head, 32 mm dia rigid plastic waste pipe with accessories upto floor trap of horizontal connection, painting of exposed pipes, cutting and making good wall and floor as necessary, etc., complete. ( Hindware cleo series & jaq florantine pillarcock & anglecock )				
2	Sanitary Fittings & Accessories i Nahani Trap Providing and fixing P.V.C. Multiway floor (nahni) trap of approved make of the following nominal internal diameter with deep water with 'Symet' hinged cover square grating and 75mm dia. P.V.C. extension pipe upto external face of the wall, including cost of cutting and making good wall and floor., etc., complete.	Nos.	8		
	ii Soap Dish (Jaquar ) Providing and fixing chromium plated soap dish (recessed type) of approved make, fixed to wall, necessary ironmongery and finishing, etc., complete.	Nos.	4		
	iii Towel Rod (Jaquar ) Providing and fixing chromium plated	Nos.	4		

	towel rod 750mm long , fixed to walls, with concealed screws, etc., complete.				
iv	Mirror Providing & fixing 600 x 450 mm size high quality PVC rimless mirror with shelf of superior glass of Commander brand,including necessary fixtures, fixing to walls, etc., complete.	Nos.	4		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
v	25mm C Class Concealed Pipeline	R.M	44		
vi	32 mm C Class Concealed Pipeline Providing & fixing 600 x 450 mm size high quality PVC rimless mirror with shelf of superior glass of Commander brand, including necessary fixtures, fixing to walls, etc., complete.	R.M	32		
vii	75 mm CPVC Pipeline Providing and fixing to wall, ceiling and floor or laying in trenches 'CPVC' flowguard pipes of 'Astral' make,of following nominal internal bore,including all fittings such as bends, tees, clamps, etc., neces-sary excavation in all types of strata except rock,refilling, drilling holes or cutting chase in wall, slabs, etc., & making good, testing with hydraulic pump for a pressure of 22 Kg. per Sq.M. or any other pressure as per manufacturer's instructions, etc., complete.	R.M	32		
viii	100 mm CPVC Pipeline	R.M	24		

<p>Providing and fixing to wall, ceiling and floor or laying in trenches 'CPVC' flowguard pipes of 'Astral' make, of following nominal internal bore, including all fittings such as bends, tees, clamps, etc., necessary excavation in all types of strata except rock, refilling, drilling holes or cutting chase in wall, slabs, etc., &amp; making good, testing with hydraulic pump for a pressure of 22 Kg. per Sq.M. or any other pressure as per manufacturer's instructions, etc., complete.</p>				
---	--	--	--	--

	Item	Unit	Qty	Rate IN `	Amount IN `
ix	<p>Bib Cock (Jaquar - Florentine) Providing and fixing 15 mm dia. screw down chromium plated brass bib cock &amp; stop cocks of approved make, necessary sockets, union nuts, testing, etc., complete.</p>	Nos.	8		
x	<p>Pillar Cock (Jaquar - Florentine) Providing and fixing Pillar Cock of approved make, necessary sockets, union nuts, testing, etc., complete.</p>	Nos.	4		
xi	<p>Stop Cock (Jaquar - Florentine)</p>	Nos.	8		
xii	Hot & Cold water mixer	Nos.	4		

	(Jaquar ) Providing & fixing hot & cold water mixer as per approved make & size including cutting,fixing,good finishing, curing as directed etc complete				
3	Plumbing for pantry & toilets	R.M	70		
4	Inspection chambers (Nos. 6) Providing & constructing Brick Masonary Inspection chamber of size mentioned below, including 1:4:8 cement concrete foundation 1:2:4 cement conctere channels half roudn G.S.W. pipes brick masonry, Plastering from inside & with frame fixed in cement concrete etc. complete with R.C.C. cover 45 x 90 x 90	Nos.	6		

	Item	Unit	Qty	Rate IN `	Amount IN `
5	Providing & Fixing 15 cm x 10 cm salt glazed stoneware gully trap in cement concvrete 1:4:8 outside the building including cast iron grating in the sink connecting PVC pipe brick masonry chamber with cast iron lid & grating for gully trap.	Nos.	5		
6	Providing & laying concrete pipes of NP2 class of 150 mm dia in proper line, level & slope including necessary collars, laying, fixing in cement mortar 1:1 & refilling the trench complete.	R.M	7		

**Total Amount Rupees**

<b>PAINTING &amp; INTERNAL BEAUTIFICATION</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate IN `</b>	<b>Amount IN `</b>
1	Painting (Lustre) i Ceiling	Sq.M	140		
	ii wall (Asian, Nerolac) Providing & Applying Luster paint in 3 coats of approved shade of Asian Paints Co. Ltd.,including scrapping, opening of existing cracks, filling up of "V" cracks with epoxy expandable putty to required depths, making good, weak plastered / unplastered surfaces using plaster of paris wherever required, to receive new paint including cleaning on completion of painting work.	Sq.M	680		
2	External Paint (Apex Ultima) Providing and applying external paint Apex or Ace as per manufacturer's specifications	Sq.M	370		
	in two coats of required shades to give even shades in all types positions to all old & new surface over one primer coat,after thoroughly brushing the surfaces to remove all dirt, filling cracks with crackseal / Ask-O-filla, double scaffolding, etc., complete.				

3	Enamel Paint for M.S.Grill of windows Providing & applying Two coats of Enamel Paint of approved colour & shade to the old / new structural steel work & iron work previoursly painted in building including scaffolding if necessary, cleaning & preparing the surface etc. complete	Sq.M	42		
---	---	------	----	--	--

**Total Amount Rupees**

<b>ELECTRICAL</b>					
<b>A</b>	<b>Dismantling</b>				
1	Removing existing electrification & electrical fixtures Providing electric supply for on site work.	Rmtr	100		
2	Dismantling the existing light, fan bell, independent plug point, wiring with mains of all types with accessories etc. complete, with adequate care without damaging surface of wall, ceiling and flooring. The holes shall be refinished to match with the surrounding surface. Site shall be made clean by removing debris.Dismantled material shall be retained by the agency.	Nos.	80		

	Item	Unit	Qty.	Rate in `	Amount in `
<b>B</b>	<b>Providing and Fixing</b>				

<p>1 Light point 1 sq mm Providing wiring for Light point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I. box &amp; earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.</p>	Nos.	81		
<p>2 Fan point with Electronic Regulator 1 sq mm Providing wiring for fan point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I. box &amp; earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required. Supplying &amp; Fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required</p>	Nos.	7		
<p>3 6 amp Plug full point 1 sq mm Supplying &amp; Fixing of Matal Box of GI box of with modular plate &amp; cover in front on surface or in recess including providing &amp; fixing 3 pin 5/6 amp</p>	Nos.	15		

	modular socket & 5/6 amp modular switch,connections, paintings etc as required (for Light plugs)				
	<b>Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in `</b>	<b>Amount in `</b>
4	6 amp Half Plug point 1 sq mm Supplying & Fixing of Matal Box of GI box of with modular plate & cover in front on surface or in recess including providing & fixing 3 pin 5/6 amp modular socket & 5/6 amp modular switch,connections, paintings etc as required (for Light plugs)	Nos.	25		
5	16 A Power point 2.5 sq mm Supplying & Fixing of Matal Box of GI box of with modular plate & cover in front on surface or in recess including providing & fixing 3 Nos. 5/6 amp modular socket & 15/16 amp modular socket outlet connections, paintings etc as required (for Light plugs)	Nos.	15		
6	Bell point 1 sq mm Providing wiring for Bell point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I. box & earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.	Nos.	4		

7	Phone point 2 Pair Supplying & fixing Cat 5e Information outlet for telephone outlet housed in GI boxes recessed in wall / partitions / panelling for telephone outlets.	Nos.	6		
---	--	------	---	--	--

	Item	Unit	Qty.	Rate in `	Amount in `
8	T.V. Point R.G.6 Supplying & drawing co-axial T.V. Cable R.G.6 Grade 0.7 mm solid copper conductor PE Insulated, shielded with fine tinned copper braid & protected with PVC Sheath in the existing surface / Recessed Steel / PVC Conduits as required.	Nos.	4		
9	Speaker Point	Nos.	2		
10	25 A A.C. point 4 sq mm	Nos.	4		
<b>C Providing &amp; Fixing</b>					
11	Lighting MCB Circuit (with box) Supplying & Fixing following way single pole & neutral, pre wired, sheet steel MCB distribution board, 240 Volts on surface / recessed complete with loose wire box, terminal box, duly prewired with suitable size FR PVC insulated copper conductor	Nos.	22		

	upto terminal blocks, tinned copper busbar neutral links, earthbar, dinbar detachable gland plate, interconnections phosphatized & powder painted including earthing etc. as required.(But without MCB / RCCB / Isolator)				
12	Isolator SPN 40 Amp	Nos.	4		
13	Mains Wire i 4 mm ii 2.5 mm iii 1.5 mm	Meter Meter Meter	258 133 183		
14	10mm 4 core I.S.I. Cable	Meter	5		
	<b>Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in `</b>	<b>Amount in `</b>
15	Earthing Job Ground Supplying & Laying 25 mm x 5 mm thk. G.I.strip at 0.5 meters below ground as strip earth electrode including soldering etc. as required	Lumsum	1		
16	Internal Earthing Job Providing & fixing earth bus of 50 mm x 5 mm copper strip on surface for connections etc as required.	Lumsum	1		
17	Anchor Fastner fixing with Rod	Nos.	7		
18	Telephone mains & Sub Mains 2 Pair Laying,connecting, testing & comissioning of parallel telephone outlet points using 2 pair telephone wires	Meter	250		

	PVC Insulated wires (ISI Marked) with surface mounted / recessed conduit / along with fixing 2 pin telephone socket & 2 pin telephone plug on acrylic plate / mounting box as required & as directed.				
19	Intercom Point	Nos.	4		
20	T.V. Mains & Sub Mains	Meters	100		
<b>D Providing &amp; Fixing</b>					
21	RCCB Distribution (For all three floors) i.e. VEF, VOF, SRA Supply , fixing and commissioning RCCB, electro - magnetic type, conforming to IS12640, duly connected with copper leads, copper lugs, etc. with poly carbonate enclosure working on residual current	Nos.	1		
	<b>Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in `</b>	<b>Amount in `</b>
	energy, having 100 mA sensitivity & shall protect against earth leakage,with minimum tripping time of 30ms, IP20 degree protection,having 20 kA short circuit breaking capacity with over voltage cut off of 32/40 Amps 2 pole, 1 phase, with test knob facility and with minimum electrical endurance of 20,000 operations.				
22	63 Amp Busbar (For all three floors) i.e. VEF, VOF, SRA	Nos.	1		

23	Telephone Crown Box	Lumsum	1		
<b>Total Amount Rupees</b>					

**FIRST FLOOR (VOF)**

<b>CIVIL</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in `</b>	<b>Amount in `</b>
1	Demolishing of existing masonry of following type in cement or lime mortar to levels as directed, including stacking of	Cu.M	30		

	servicable materials within 300 M lead in premises as directed and disposing away unservicable materials from the site, all lifts, preparation of surface to receive new work as necessary, etc., complete.				
2	Demolishing of existing lofts & railings & R.C.C. Chajja to levels as directed, including stacking of servicable materials within 300 M lead in premises as directed and disposing away unservicable materials from the site, all lifts, preparation of surface to receive new work as necessary, etc., complete.	Cu.M	3		
3	Dismantling of Existing Plumbing, Sanitary ware & Fitting etc. Inculing external G.I. & P.V.C.(SWR Quality) Pipelines	LUMSUM	3		
4	Removing Existing Windows & Doors with Frames i) Windows ii) Door	Nos Nos	10 13		
5	Removing the existing skirting tiles of following types without removing bed concrete / plaster including stacking the servicable materials within 100 M lead in premises, disposing away unservicable materials from the site, all lifts, etc., complete.	Sq.M	94		
	<b>Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in `</b>	<b>Amount in `</b>

6	Construction of Siporex walls 77mm thk. Providing Siporex block masonry Light weight (77mm thk) with in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints, watering and scaffolding etc.complete.	Cu.M	7		
7	Construction of Siporex walls 6" thk Providing Siporex block masonry Light weight (200 to 230 mm thk) with in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints, watering and scaffolding etc.complete. OR R.C.C.Paradi (100 mm thk.) (quote Rate only) (For enclosed Balcony area)	Cu.M  Cu.M	13		
8	Construction of R.C.C. Chajja	Cu.M	1		
9	R.C.C. Lintel	Cu.M	0.35		
10	Internal Plaster to walls 20 mm thick internal cement plaster (with neeru ) in two coats, backing coat (1:4) and finishing coat 5 mm thick (1:3) using sand passing through 1.5 mm sieve /neeru,to concrete, brick or stone surfaces in all positions, including fixing 150 wide strip of "Plastermesh" nailed to both the surfaces at every flush junctions of brick & R.C.C. work, raking out joints in masonry, hacking concrete surfaces at close intervals & or brushing and stippling 'Ask-O-Stick' /	Sq.M	380		

	Hack Aid Plastt' bonding primer on concrete surfaces, internal rounded angles, chamfers or rounding to edges as directed,				
	<b>Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in `</b>	<b>Amount in `</b>
	finished even smooth, taking out sand grains by sponge, scaffolding, curing, etc., complete.				
11	External Plaster to walls Providing 20mm thk. External plaster in cement mortar in all position including base coat of 15mm thk. in cement mortar (1:4), curing the same and keeping the surface of the base coat rough to receive 8-10mm thk. finishing coat in cement mortar (1:4) by taking out grains using waterproofing compound as manufacturer's specification and curing for 14 days, scaffolding etc. complete.	Sq.M	210		
12	Waterproofing of toilets Providing 'Brick bat coba in cement mortar (1:4), using brickbats of 40 mm & down size,in sunk portions of slab, including compaction curing, ramming, watering, etc., complete.	Sq.M	18		
13	Flooring of Toilets (Basic Tile Rate Rs. 30 - 35 /- per Sq.Ft.) Providing and laying flooring of (Non slip) ceramic tiles for toilets of approved make, 6 mm thick & of approved size, shades & patterns, on 20 mm (1:4) cement mortar	Sq.M	20		

	with cement float, filling compound with pigment to match, rubbing, cleaning, curing, whole as per manufacturer's specifications, etc., complete.				
14	Toilets Dado (Basic Tile Rate Rs. 30 - 35 /- per Sq.Ft.) Providing and laying ceramic skirting or Dado generally 2100 mm high, 5 mm thick	Sq.M	95		
	<b>Item</b>	<b>Unit</b>	<b>Qty.</b>	<b>Rate in `</b>	<b>Amount in `</b>
	(300 x 300 or 300x 450 mm edge cut) of approved brand manufacturer & of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints with Roff tile mate', watering, rubbing, cleaning, whole as per manufacturer's specifications etc.complete.(Rate to Include removal of brick work to see that skirting is flush with wall. A groove between wall plaster & skirting is to be provided at no extra cost.)				
15	Vitrified Flooring i Providing and laying pre-polished vitrified tile flooring (600mm x 600 mm) of approved brand manufacture & of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints watering, rubbing, cleaning, etc.complete. Basic tile rate Rs.110 /p/sft	Sq.M	98		
	ii Vitrified Flooring Skirting	R.M	110		

<p>Providing and laying pre-polished vitrified tile skirting.75mm high skirting of approved brand manufacture &amp; of approved shade &amp; pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float,filling joints watering, rubbing, cleaning, etc., complete. (Rate to Include removal of brick work to see that skirting is flush with wall.A groove between wall plaster and skirting is to be provided at no extra cost.) Basic tile rate Rs.110 /p/sft</p>				
---	--	--	--	--

	Item	Unit	Qty.	Rate in `	Amount in `
16	<p>Granite window Framing Basic Granite Rate Rs 155 per sq/ft Providing and laying 25mm thk.hand cut / machine cut Granite sills of approved shade &amp; pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float,filling joints with "Roff tile mate', watering, rubbing, cleaning, etc., complete. Basic granite rate Rs155 /p/sft</p>	R.M	72		
17	<p>Granite Door Framing (Toilet Doors) i Providing and fixing Granite stone door frame 125 X 62.5 mm, 32 mm thk. (finished size), Single leaf both side laminated flush door , as per directions, chromium plated steel oxidised fittings, steel hinges, holdfast of approved type,ironmongery, one coat of</p>	R.M	23		

	primer with putty finish & two coats of acrylic emulsion paint of approved shades & make etc. complete Basic granite rate Rs150 /p/sft				
ii	Doors Providing and fixing flush doors for toilets Size : 762 mm x 2100 mm The door shutter shall consist of 35 mm thk W.P. flush door. The door shall be finished on both sides with 1mm thk. Laminate & edges finished in matching melamine polish. The door will have glass as per specified in the drawing. The door should be inclusive of necessary heavy duty hinges, stoppers, Locks, buffers, door closer, handles etc. complete.	Nos	4		

	Item	Unit	Qty	Rate in `	Amount in `
18	Aluminium sliding windows ( Colour anodized ) with glass. Providing & fixing powder coated aluminium windows as per specifications, including profiles, accessories, gaskets, fabrication & installation, frame fixing in position by Fischer Screw mechanism, sealants, glass etc., complete. (The work is inclusive of necessary civil work like chipping, filling, scaffolding).	Sq.M	20		

	ii Part fixed & part louvered window (with Exhaust fan)				
19	Teak Wood Door Frames Providing and fixing Teak Wood door frame 125 X 62.5 mm, 32 mm thk. (finished size), Single leaf both side laminated flush door , as per directions, chromium plated steel oxidised fittings, steel hinges, holdfast of approved type, ironmongery, 1 coat of primer with putty finish & two coats of acrylic emulsion paint of approved shades and make etc. complete		5		
	ii Laminated Doors Providing and fixing flush doors for toilets Size : 915 mm x 2100 mm The door shutter shall consist of 35 mm thk W.P. flush door. The door shall be finished on both sides with 1mm thk. Laminate & edges finished in matching melamine polish. The door will have glass as per specified in the drawing.The door should be inclusive of necessary heavy duty hinges, stoppers, Locks, buffers, door closer, handles etc. complete.	Nos	5		

<b>M. S. FABRICATION</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
20	M.S.Grill for windows Providing & fixing M.S.Fabricated Grills made out of 12 mm sq.bar	Sq.M	46		

	(grid size 102 mm x 152.4mm) with M.S.Angle or tube framing as required & with necessary fixing fastners.The Grills will have A.C. Box framing as & where required with two coats of red oxide paint etc complete.				
21	Balcony Railing Providing & Fixing M.S. Grill Railing of size 75mm x 60 mm & sill of 75 mm x 25 mm & newel posts for staircases including fabricating, fixtures, erecting, painting the grill work with one coat of anticorrosive paint & two coats of enamel paint with approved colours & polishing the sill, handrail & the newer post with french polish.	Sq.M	6		
<b>WALL MOUNTING &amp; FALSE CEILING</b>					
22	P.O.P wall mounting Providing and fixing in position 12 mm thk P.O.P. wall mounting on sand faced plaster wall with necessary leveling etc. and complete.	Sq.M	430		
23	P.O.P False Ceiling Providing and fixing in position P.O.P. false ceiling as per manufacturer's specification and instructions with 12 mm thk. P.O.P. panel screw fixed to the underside of suspended.GI grid should be constructed and suspended from the main ceiling as per manufacturer's instruction.	Sq.M	97		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>

				in `	in `
	<p>The ceiling shall have cornice, molding etc. as per design.  Rate shall be inclusive of any vertical ceiling part, spot, tube light, A.C. Grills, fire and security systems cut outs, manufacturers guidelines to be followed strictly.  Additional supports for electrical fittings &amp; A.C. grills etc should be provided.  (Note: Flat measurement shall be billed. i.e. only horizontal plane measurements will be taken inclusive of vertical drops etc.)</p> <p style="text-align: center;"><b>OR</b></p>				
	<p>ii Gypsum Board Ceiling (quote Rate only)  Providing and fixing in position Gypsum board false ceiling as per manufacturers specification &amp; instructions with 12 mm thk. Gypsum board panel screw fixed to the underside of suspended. GI grid should be constructed and suspended from the main ceiling as per manufacturer's instruction. etc complete.</p>				
24	<p>Water proofing for R.C.C. Chajjas  Special waterproof tretment over R.C.C. roof, injecting special waterproofing compound with cement solution in weak spots in the roof  Preparing and cleaning the surface, 12mm base coat of (1:4) cement mortar in 2 coats laying bricks and brickbats (10 to 12.5 cm average thickness) to slopes of (1:100) or as directed, grouting the gaps in brick work with cement slurry and (1:5) cement mortar &amp; finally covered with 20mm jointless</p>	Nos.	8		

	waterproof cement plaster (1:3) finishing smooth and 30cm x 30cm tile marks, 10cm round coving at wall junctions, rounding at ends where necessary,				
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	pond curing with lime mortar bunds as directed, flooded with water for a minimum period of two weeks and for final test etc., complete.Slabs & Chajjas) (Algiproof 150 ml per bag of cement ( to be added during execution of work.) (Work to be done from approved waterproofing agency, giving guarantee of ten years.) (Minimum usage 0.5 bag of cement per SQM)				
25	Steel bars for reinforcement for R.C.C. work (Steel Basic Rate Rs 34 /kg) Providing & Fixing in position tested steel bar Reinforcement of various diameters for all types of R.C.C. Work & like, as per detailed designs & as directed, including cutting, bending, hooking the binding with wires of approved quality & guage or rack welding & supporting as required, steel wire brushing. etc. complete.	MT			
26	Bk. Work Masonry 9" 4" Providing second class Burnt Brick Masonry with conventional/I.S. type bricks in cement mortar 1:6 in superstructure including pillars,	Cu.M			

	striking joints, racking out joints, watering & scaffolding etc. complete.				
27	A.C.P as per design & drawing (quote Rate only) Providing and fixing aluminium composite panels of approved make & colour as per design and drawings including profiles, accessories, gaskets, fabrication & installation framefixing in position by Fischer screw	Sq.M			
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	mechanism, sealants, etc., complete. (The work is inclusive of necessary civil work like chipping, filling, scaffolding. The work is to be got done by agency approved by the Architect)				
28	Site cleaning (Removing debris, temporary structures etc.) (Removing debris, temporary structures etc.) Leaving the site clean by removing all the building debris, temporary structures, platforms, poles, posts & PCC areas & leveling the ground compatible to the surrounding area etc. complete	Lumsum			
<b>Total Amount Rupees</b>					
<b>PLUMBING</b>					
1	Sanitary Ware				

<p>i) Water Closet (Wall Mounted)          Providing and fixing in position white glazed vitreous china European type water closet ( Wall Mounted) with or without vent, of approved make and type, with inegral, 'P' or 'S' trap joining to soil pipe in soil &amp; vent pipe upto the outside face of the wall, with 12.5 litres capacity compatible glazed vitreous flushing cistern of same make with brackets, all internal fittings, Polythene float valve, overflow connection with mosquito proof coupling of approved municipal design, chain, 15mm dia Chromium plated brass tested stop cock of heavy quality, 40mm flush pipe with 40 mm solid drawn lead CPVC flush pipe under flooring, CPVC</p>	Nos.	4			
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
<p>flexible inlet water connection with chromium plated nuts, 45cm min length, cutting chase in wall for flush pipe &amp; making good, painting of exposed pipes, cutting &amp; making good walls &amp; floors, etc, complete. ( Hindware constalation &amp; jaq florantine stopcock</p>					
<p>ii) Wash Basin          (Hindware series)          Providing and fixing in position coloured vitreous china 51cm x 41 cm wash basin of approved type and manufacture, C.I. brackets of concealed type, 32 mm dia chromium plated waste coupling with rubber plug, 32 mm dia chromium plated brass</p>	Nos.	4			

<p>bottle trap, 15 mm chromium plated single lever Basin Mixer cock of approved type &amp; manufacture, 15 mm CPVC flexible inlet connection min. 450mm long, 15 mm dia., chromium plated brass heavy quality stop cock with fancy head, 32 mm dia rigid plastic waste pipe with accessories upto floor trap of horizontal connection, painting of exposed pipes, cutting and making good wall and floor as necessary, etc., complete. ( Hindware cleo series &amp; jaq Kubix pillarcock &amp; anglecock )</p>				
<p>2 Sanitary Fittings &amp; Accessories</p> <p>i Nahani Trap Providing and fixing P.V.C. Multiway floor (nahni) trap of approved make of the following nominal internal diameter with deep water with 'Symet' hinged cover square grating and 75mm dia. P.V.C. extension</p>	Nos.	8		
<p style="text-align: center;"><b>Item</b></p>	<p style="text-align: center;"><b>Unit</b></p>	<p style="text-align: center;"><b>Qty</b></p>	<p style="text-align: center;"><b>Rate in `</b></p>	<p style="text-align: center;"><b>Amount in `</b></p>
<p>pipe upto external face of the wall, including cost of cutting and making good wall and floor., etc., complete.</p>				
<p>ii Soap Dish (Jaquar ) Providing and fixing chromium plated soap dish (recessed type) of approved make, fixed to wall, necessary ironmongery and finishing, etc., complete.</p>	Nos.	4		

iii	Towel Rod (Jaquar ) Providing and fixing chromium plated towel rod 750mm long , fixed to walls, with concealed screws, etc., complete.	Nos.	4		
iv	Mirror Providing & fixing 600 x 450 mm size high quality PVC rimless mirror with shelf of superior glass of Commander brand, including necessary fixtures, fixing to walls, etc., complete.	Nos.	4		
v	25 mm C Class Concealed Pipeline	R.M	44		
vi	32 mm C Class Concealed Pipeline	R.M	32		
vii	75 mm CPVC Pipeline Providing and fixing to wall, ceiling and floor or laying in trenches 'CPVC' flowguard pipes of 'Astral' make,of following nominal internal bore,including all fittings such as bends, tees, clamps, etc.,neces-sary excavation in all types of strata except rock,refilling, drilling holes or cuttingchase in wall, slabs, etc., & making good, testing with hydraulic pump for a pressure of 22 Kg. per Sq.M. or any other pressure as per manufacturer's instructions, etc., complete.	R.M	32		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
viii	100 mm CPVC Pipeline Providing and fixing to wall, ceiling and floor or laying in trenches 'CPVC' flowguard pipes of 'Astral' make,of following nominal	R.M	24		

	internal bore,including all fittings such as bends, tees, clamps, etc., neces-sary excavation in all types of strata except rock,refilling, drilling holes or cutting chase in wall, slabs, etc., & making good, testing with hydraulic pump for a pressure of 22 Kg. per Sq.M. or any other pressure as per manufacturer's instructions, etc., complete.				
ix	Bib Cock (Jaquar - Florentine) Providing and fixing 15 mm dia. screw down chromium plated brass bib cock & stop cocks of approved make, necessary sockets, union nuts, testing, etc., complete.	Nos.	8		
x	Pillar Cock (Jaquar - Florentine) Providing and fixing Pillar Cock of approved make, necessary sockets, union nuts, testing, etc., complete.	Nos.	4		
xi	Stop Cock (Jaquar - Florentine)	Nos.	8		
xii	Hot & Cold water mixer (Jaquar ) Providing & fixing hot & cold water mixer as per approved make & size including cutting,fixing,good finishing, curing as directed etc complete	Nos.	4		
3	Plumbing for pantry & toilets	R.M	70		
<b>Total Amount Rupees</b>					

<b>PAINTING &amp; INTERNAL BEAUTIFICATION</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
1	Painting (Lustre) i Ceiling	Sq.M	145		
	ii wall (Asian, Nerolac) Providing & Applying Luster paint in 3 coats of approved shade of Asian Paints Co. Ltd.,including scrapping, opening of existing cracks, filling up of "V" cracks with epoxy expandable putty to required depths, making good, weak plastered / unplastered surfaces using plaster of paris wherever required, to receive new paint including cleaning on completion of painting work.	Sq.M	545		
2	External Paint (Apex Ultima) Providing and applying external paint Apex or Ace as per manufacturer's specifica-tions in two coats of required shades to give even shades in all types positions to all old & new surface over one primer coat,after thoroughly brushing the surfaces to remove all dirt, filling cracks with crackseal / Ask-O-filla, double scaffolding, etc., complete.	Sq.M	290		
3	Enamel Paint for M.S.Grill of windows Providing & applying Two coats of Enamel Paint of approved colour & shade to the old	Sq.M	46		

/ new structural steel work & iron work previously painted in building including scaffolding if necessary, cleaning & preparing the surface etc. complete					
<b>Total Amount Rupees</b>					
<b>ELECTRICAL</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
<b>A</b>	<b>Dismantling</b> 1 Removing existing electrification & electrical fixtures Providing electric supply for on site work.	Rmtr	100		
	2 Dismantling the existing light, fan bell, independent plug point, wiring with mains of all types with accessories etc. complete, with adequate care without damaging surface of wall, ceiling and flooring. The holes shall be refinished to match with the surrounding surface. Site shall be made clean by removing debris. Dismantled material shall be retained by the agency.	Nos.	80		
<b>B</b>	<b>Providing and Fixing</b>				
	1 Light point 1 sq mm Providing wiring for Light point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I.	Nos.	77		

	box & earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.				
2	Fan point with Electronic Regulator 1 sq mm Providing wiring for fan point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I.	Nos.	6		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	box & earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required. Supplying & Fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required				
3	6 amp Plug full point 1 sq mm Supplying & Fixing of Matal Box of GI box of with modular plate & cover in front on surface or in recess including providing & fixing 3 pin 5/6 amp modular socket & 5/6 amp modular switch,connections, paintings etc as required (for Light plugs)	Nos.	15		
4	6 amp Half Plug point 1 sq mm	Nos.	25		

	Supplying & Fixing of Matal Box of GI box of with modular plate & cover in front on surface or in recess including providing & fixing 3 pin 5/6 amp modular socket & 5/6 amp modular switch,connections, paintings etc as required (for Light plugs)				
5	16 A Power point 2.5 sq mm Supplying & Fixing of Matal Box of GI box of with modular plate & cover in front on surface or in recess including providing & fixing 3 Nos. 5/6 amp modular socket & 15/16 amp modular socket outlet connections, paintings etc as required (for Light plugs)	Nos.	15		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
6	Bell point 1 sq mm Providing wiring for Bell point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I. box & earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.	Nos.	4		
7	Phone point 2 Pair Supplying & fixing Cat 5e Information outlet for telephone outlet housed in GI	Nos.	6		

	boxes recessed in wall / partitions / panelling for telephone outlets.				
8	T.V. Point R.G.6 Supplying & drawing co-axial T.V. Cable R.G.6 Grade 0.7 mm solid copper conductor PE Insulated, shielded with fine tinned copper braid & protected with PVC Sheath in the existing surface / Recessed Steel / PVC Conduits as required.	Nos.	4		
9	Speaker Point	Nos.	1		
10	25 A A.C. point 4 sq mm	Nos.	4		
<b>C Providing &amp; Fixing</b>					
11	Lighting MCB Circuit (with box) Supplying & Fixing following way single pole & neutral, pre wired, sheet steel MCB distribution board, 240 Volts on surface /	Nos.	16		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	recessed complete with loose wire box, terminal box, duly prewired with suitable size FR PVC insulated copper conductor upto terminal blocks, tinned copper busbar neutral links, earthbar, dinbar detachable gland plate, interconnections phosphatized & powder painted including earthing etc. as required. (But without MCB / RCCB / Isolator)				

12	Isolator SPN 40 Amp	Nos.	4		
13	Mains Wire i 4 mm ii 2.5 mm iii 1.5 mm	Meter Meter Meter	258 133 183		
14	10mm 4 core I.S.I. Cable	Meter	5		
15	Earthing Job Ground Supplying & Laying 25 mm x 5 mm thk. G.I.strip at 0.5 meters below ground as strip earth electrode including soldering etc. as required	Lumsum	1		
16	Internal Earthing Job Supplying & Laying 25 mm x 5 mm thk. G.I.strip at 0.5 meters below ground as strip earth electrode including soldering et. as required	Lumsum			
17	Anchor Fastner fixing with Rod	Nos.	6		
18	Telephone mains & Sub Mains 2 Pair	Meter	250		
19	Intercom Point	Nos.	4		
20	T.V. Mains & Sub Mains	Meters	100		
<b>D Providing &amp; Fixing</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
21	RCCB Distribution	Nos.	1		

	<p>(separately for all three floors)  i.e. VEF, VOF, SRA  Supply , fixing and commissioning RCCB,  electro - magnetic type, conforming to  IS12640, duly connected with copper leads,  copper lugs, etc. with poly carbonate  enclosure working on residual current  energy, having 100 mA sensitivity &amp; shall  protect against earth leakage,with minimum  tripping time of 30ms, IP20 degree  protection,having 20 kA short circuit  breaking capacity with over voltage cut off of  32/40 Amps 2 pole, 1 phase, with test knob  facility and with minimum electrical  endurance of 20,000 operations.</p>				
22	<p>63 Amp Busbar  (One for the building)  i.e. VEF, VOF, SRA</p>				
23	<p>Telephone Crown Box</p>	Lumsum		1	
<b>Total Amount Rupees</b>					

**SECOND FLOOR (SRA)**

<b>CIVIL</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
1	Demolishing of existing masonry of following type in cement or lime mortar to levels as directed, including stacking of servicable materials within 300 M lead in premises as directed and disposing away unservicable materials from the site, all lifts, preparation of surface to receive new work as necessary, etc., complete.	Cu.M	35		
2	Demolishing of existing lofts & railings & R.C.C. Chajja to levels as directed, including stacking of servicable materials within 300 M lead in premises as directed and disposing away unservicable materials from the site, all lifts, preparation of surface to receive new work as necessary, etc., complete.	Cu.M	3		
3	Dismantling of Existing Plumbing, Sanitary ware & Fitting etc. Inculing external G.I. & P.V.C.(SWR Quality) Pipelines	LUMSUM	3		
4	Removing Existing Windows & Doors with Frames				
	i Windows	Nos	11		
	ii Door	Nos	12		

5	Removing of existing flooring / Skirting & Carting away debris Removing the existing skirting tiles of following types without removing bed concrete / plaster including stacking the servicable materials within 100 M lead in premises, disposing away unservicable materials from the site, all lifts, etc., complete.	Sq.M	94		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
6	Construction of Siporex walls 77 mm thk Providing Siporex block masonry Light weight (77mm thk) with in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints, watering and scaffolding etc.complete.	Cu.M	14		
7	Construction of Siporex walls 150 mm thk Providing Siporex block masonry Light weight (150 mm thk) with in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints, watering and scaffolding etc.complete.  OR R.C.C.Paradi (100 mm thk.) (For enclosed Balcony area)	Cu.M  Cu.M	14		
8	Construction of R.C.C. Chajja	Cu.M	1		
9	R.C.C. Lintel	Cu.M	0.35		
10	Internal Plaster to walls 20 mm thick internal cement plaster	Sq.M	355		

	(with neeru ) in two coats, backing coat (1:4) and finishing coat 5 mm thick (1:3) using sand passing through 1.5 mm sieve /neeru,to concrete, brick or stone surfaces in all positions, including fixing 150 wide strip of "Plastermesh" nailed to both the surfaces at every flush junctions of brick & R.C.C. work, raking out joints in masonry, hacking concrete surfaces at close intervals & or brushing and stippling 'Ask-O-Stick' / Hack Aid Plastt' bonding primer on concrete surfaces, internal rounded angles,				
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	chamfers or rounding to edges as directed, finished even smooth, taking out sand grains by sponge, scaffolding, curing, etc., complete.				
11	External Plaster to walls Providing 20mm thk. External plaster in cement mortar in all position including base coat of 15mm thk. in cement mortar (1:4), curing the same and keeping the surface of the base coat rough to receive 8-10mm thk. finishing coat in cement mortar (1:4) by taking out grains using waterproofing compound as manufacturer's specification and curing for 14 days, scaffolding etc. complete.	Sq.M	210		
12	Waterproofing of toilets Providing 'Brick bat coba in cement mortar (1:4), using brickbats of 40 mm & down	Sq.M	15		

	size, in sunk portions of slab, including compaction curing, ramming, watering, etc., complete.				
13	Flooring of Toilets  (Basic Tile Rate Rs. 30 - 35 /- per Sq.Ft.) Providing and laying flooring of (Non slip) ceramic tiles for toilets of approved make, 6 mm thick & of approved size, shades & patterns, on 20 mm (1:4) cement mortar with cement float, filling compound with pigment to match, rubbing, cleaning, curing, whole as per manufacturer's specifications, etc., complete.	Sq.M	15		

	Item	Unit	Qty	Rate in `	Amount in `
14	Toilets Dado (Basic Tile Rate Rs. 30 - 35 /- per Sq.Ft.) Providing and laying ceramic skirting or Dado generally 2100mm high, 5 mm thick (300 x 300 or 300x 450 mm edge cut) of approved brand manufacturer & of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints with Roff tile mate', watering, rubbing, cleaning, whole as per manufacturer's specifications etc.complete.(Rate to Include removal of brick work to see that skirting is flush with wall. A groove between wall plaster &	Sq.M	75		

	skirting is to be provided at no extra cost.)				
15	Vitrified Flooring i Providing and laying pre-polished vitrified tile flooring (600mm x 600 mm) of approved brand manufacture & of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints watering, rubbing, cleaning, etc. complete. Basic tile rate Rs.110 /p/sft	Sq.M	105		
	ii Vitrified Flooring Skirting Providing and laying pre-polished vitrified tile skirting.75mm high skirting of approved brand manufacture & of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints watering, rubbing, cleaning, etc., complete. (Rate to Include removal of brick work to see that skirting is flush with wall.A groove between wall plaster and skirting is to be provided at no extra cost.) Basic tile rate Rs.110 /p/sft	R.M	110		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
16	Granite window Framing Basic Granite Rate Rs 155 per sq/ft Providing and laying 25mm thk.hand cut / machine cut Granite sills of approved shade & pattern, on 10mm thick underlayer of cement plaster (1:4), including neat cement float, filling joints with "Roff tile mate", watering, rubbing, cleaning, etc., complete.	R.M	90		

	Basic granite rate Rs155 /p/sft				
17	Granite Door Framing (Toilet Doors) i Providing and fixing Granite stone door frame 125 X 62.5 mm, 32 mm thk. (finished size), Single leaf both side laminated flush door , as per directions, chromium plated steel oxidised fittings, steel hinges, holdfast of approved type, ironmongery, one coat of primer with putty finish & two coats of acrylic emulsion paint of approved shades & make etc. complete Basic granite rate Rs150 /p/sft	R.M	18		
	ii Doors Providing and fixing flush doors for toilets Size : 762 mm x 2134 mm The door shutter shall consist of 35 mm thk W.P. flush door. The door shall be finished on both sides with 1mm thk. Laminate & edges finished in matching melamine polish. The door will have glass as per specified in the drawing. The door should be inclusive of necessary heavy duty hinges, stoppers, Locks, buffers, door closer, handles etc. complete.	Nos	3		

	Item	Unit	Qty	Rate in `	Amount in `
18	Aluminium sliding windows ( Colour anodized ) with glass.	Sq.M	30		

	Providing & fixing powder coated aluminium windows as per specifications, including profiles, accessories, gaskets, fabrication & installation, frame fixing in position by Fischer Screw mechanism, sealants, glass etc., complete. (The work is inclusive of necessary civil work like chipping, filling, scaffolding).				
	ii Part fixed & part louvered window (with Exhaust fan)				
19	Teak Wood Door Frames Providing and fixing Teak Wood door frame 125 X 62.5 mm, 32 mm thk. (finished size), Single leaf both side laminated flush door , as per directions, chromium plated steel oxidised fittings, steel hinges, holdfast of approved type, ironmongery, 1 coat of primer with putty finish & two coats of acrylic emulsion paint of approved shades and make etc. complete		6		
	ii Laminated Doors Providing and fixing flush doors for toilets Size : 915 mm x 2100 mm The door shutter shall consist of 35 mm thk W.P. flush door. The door shall be finished on both sides with 1mm thk. Laminate & edges finished in matching melamine polish. The door will have glass as per specified in the drawing. The door should be inclusive of necessary heavy duty hinges, stoppers, Locks, buffers, door closer, handles etc. complete.	Nos	6		

	Item	Unit	Qty	Rate in `	Amount in `
20	<p>Kitchen Platform with S.S.Sink Providing and fixing Granite counter of 686 mm deep and 838 mm ht. with kadappa (37.5 mm thk. under structure. At the front edge of platform provide 57 mm ht facia patti of Granite &amp; edges of the same should have full round moulding, including of cutting of kadappa slab &amp; granite slab to receive S.S. Sink (Nirali - 535 mm x 460 mm) &amp; the necessary plumbing /drainage arrangement should be done for the sink The rate should be inclusive of providing &amp; laying necessary backing material &amp; joint filling compound of the same shade of the Granite. Basic Granite Rate Rs150/p/sft</p>	R.M	7		
i	<p>S.S.Pull outs (S.S.Grade 304) Providing and fixing shutters and pull-outs of height 750 mm below granite platform as per specified in the drawing. All the shutters shall have internal &amp; external surfaces finished with 1 mm thk laminate. Division of shutters will be made as per the requirement, please refer detail drawing. All the exposed edges will have 25 mm x 6 mm T.W. lipping / edge banding Patti. Inclusive of all necessary fittings like hinges, locks, channels,</p>	Sq.M	7.48		

	magnet catches,handles of approved design.				
ii	Dado Providing and fixing ceramic tile of approved shade, colour type in pantry as per specified in the drawings.The area includes above platform and below overhead storage,	Sq.M	18		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	on the front wall, including side walls up to false ceiling level. Dado with C.M.1:4 including neat cement float filling with white cement slurry, curing, cleaning etc. complete.				
iii	Full Ht. Laminated Partitions Providing and erecting partitions of ht 3.0 M with T.W. frame made out of 75 mm x 50mm sections. The Teak wood sections be treated with antitermite treatment of approved make. The frame work will be covered by 6 mm Bison Board by both sides. The partition will be finished by paint from both the sides and is to be finished as per drawing and instructions	Sq.M	22		
<b>M. S. FABRICATION</b>					
21	M.S.Grill for windows Providing & fixing M.S.Fabricated Grills made out of 12 mm sq.bar (grid size 102 mmx 153 mm) with M.S.Angle or tube framing as required & with necessary fixing fastners.The Grills will have A.C. Box framing as & where required with two coats of red oxide	Sq.M	46		

	paint etc complete.				
<b>WALL MOUNTING &amp; FALSE CEILING</b>					
22	P.O.P wall mounting Providing and fixing in position 12 mm thk P.O.P. wall mounting on sand faced plaster wall with necessary leveling etc. and complete.	Sq.M	400		
23	P.O.P False Ceiling Providing and fixing in position P.O.P. false ceiling as per manufacturer's specification and instructions with 12 mm thk. P.O.P. panel screw fixed	Sq.M	126		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	to the underside of suspended.GI grid should be constructed and suspended from the main ceiling as per manufacturer's instruction. The ceiling shall have cornice, molding etc. as per design. Rate shall be inclusive of any vertical ceiling part, spot, tube light, A.C. Grills, fire and security systems cut outs, manufacturers guidelines to be followed strictly. Additional supports for electrical fittings & A.C. grills etc should be provided. (Note: Flat measurement shall be billed. i.e. only horizontal plane measurements will be taken inclusive of vertical drops etc.) <b>OR</b> ii Gypsum Board Ceiling (quote Rate only) Providing and fixing in position Gypsum board false ceiling as per manufacturers specification & instructions with 12 mm thk.				

	Gypsum board panel screw fixed to the underside of suspended. GI grid should be constructed and suspended from the main ceiling as per manufacturer's instruction. etc complete.				
24	Water proofing for R.C.C. Chajjas Special waterproof treatment over R.C.C. roof, injecting special waterproofing compound with cement solution in weak spots in the roof Preparing and cleaning the surface, 12mm base coat of (1:4) cement mortar in 2 coats laying bricks and brickbats (10 to 12.5 cm average thickness) to slopes of (1:100) or as directed, grouting the gaps in brick work with cement slurry and (1:5) cement mortar & finally covered with 20mm jointless waterproof cement plaster (1:3) finishing smooth and 30cm x 30cm tile marks,	Nos.	8		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	10cm round coving at wall junctions, rounding at ends where necessary, pond curing with lime mortar bunds as directed, flooded with water for a minimum period of two weeks and for final test etc., complete. Slabs & Chajjas) (Algiproof 150 ml per bag of cement ( to be added during execution of work.) (Work to be done from approved waterproofing agency, giving guarantee of ten years.) (Minimum usage 0.5 bag of cement per SQM)				
25	Steel bars for reinforcement	MT			

	for R.C.C. work (Steel Basic Rate Rs 34 /kg) (Steel Basic Rate Rs 34 /kg) Providing & Fixing in position tested steel bar Reinforcement of various diameters for all types of R.C.C. Work & like, as per detailed designs & as directed, including cutting, bending, hooking the binding with wires of approved quality & guage or rack welding & supporting as required, steel wire brushing. etc. complete.				
26	Bk. Work Masonry 9" 4" 9" 4" Providing second class Burnt Brick Masonry with conventional/I.S. type bricks in cement mortar 1:6 in superstructure including pillars, striking joints, racking out joints,watering & scaffolding etc.complete.	Cu.M			

	Item	Unit	Qty	Rate in `	Amount in `
27	A.C.P as per design & drawing (quote Rate only) Providing and fixing aluminium composite panels of approved make & colour as per design and drawings including profiles, accessories,gaskets, fabrication & installation framefixing in position by Fischer screw	Sq.M			

	mechanism, sealants, etc., complete. (The work is inclusive of necessary civil work like chipping, filling, scaffolding. The work is to be got done by agency approved by the Architect)				
28	Site cleaning (Removing debris, temporary structures etc.) (Removing debris, temporary structures etc.) (Removing debris, temporary structures etc.) Leaving the site clean by removing all the building debries, temporary structures, platforms, poles, posts & PCC areas & leveling the ground compatible to the surrounding area etc. complete	Lumsum			
<b>Total Amount Rupees</b>					

	<b>PLUMBING</b>				
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>

				in `	in `
1	<p>Sanitary Ware</p> <p>i Water Closet (Wall Mounted)</p> <p>Providing and fixing in position white glazed vitreous china European type water closet ( Wall Mounted) with or without vent, of approved make and type, with inegral, 'P' or 'S' trap joining to soil pipe in soil &amp; vent pipe upto the outside face of the wall, with 12.5 litres capacity compatible glazed vitreous flushing cistern of same make with brackets, all internal fittings, Polythene float valve, overflow connection with mosquito proof coupling of approved municipal design, chain, 15mm dia Chromium plated brass tested stop cock of heavy quality, 40mm flush pipe with 40 mm solid drawn lead CPVC flush pipe under flooring, CPVC flexible inlet water connection with chromium plated nuts, 45cm min length, cutting chase in wall for flush pipe &amp; making good, painting of exposed pipes, cutting &amp; making good walls &amp; floors, etc, complete. ( Hindware constalation &amp; jaq florantine stopcock</p>	Nos.	3		
	<p>ii Wash Basin (Hindware series)</p> <p>Providing and fixing in position coloured vitreous china 51cm x 41 cm wash basin of approved type and manufacture, C.I. brackets of concealed type, 32 mm dia chromium plated waste coupling with rubber plug, 32 mm dia chromium plated brass bottle trap, 15 mm chromium plated pillar</p>	Nos.	3		

	cock of approved type & manufacture, 15 mm CPVC flexible inlet connection min.				
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
	450mm long, 15 mm dia., chromium plated brass heavy quality stop cock with fancy head, 32 mm dia rigid plastic waste pipe with accessories upto floor trap of horizontal connection, painting of exposed pipes, cutting & making good wall and floor as necessary, etc., complete. ( Hindware cleo series& jaq florantine pillarcock &anglecock )				
2	<b>Sanitary Fittings &amp; Accessories</b>				
	i Nahani Trap Providing and fixing P.V.C. Multiway floor (nahni) trap of approved make of the following nominal internal diameter with deep water with 'Symet' hinged cover square grating and 75mm dia. P.V.C. extension pipe upto external face of the wall, including cost of cutting and making good wall and floor., etc., complete.	Nos.	6		
	ii Soap Dish (Jaquar ) Providing and fixing chromium plated soap dish (recessed type) of approved make, fixed to wall, necessary ironmongery and finishing, etc., complete.	Nos.	3		
	iii Towel Rod (Jaquar )	Nos.	3		

	Providing and fixing chromium plated towel rod 750mm long , fixed to walls, with concealed screws, etc., complete.				
iv	Mirror Providing & fixing 600 x 450 mm size high quality PVC rimless mirror with shelf of superior glass of Commander brand,including necessary fixtures, fixing to walls,etc., complete.	Nos.	3		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
v	25 mm C Class Concealed Pipeline	R.M	44		
vi	32 mm C Class Concealed Pipeline	R.M	32		
vii	75 mm CPVC Pipeline Providing and fixing to wall, ceiling and floor or laying in trenches 'CPVC' flowguard pipes of 'Astral' make,of following nominal internal bore,including all fittings such as bends, tees, clamps, etc., necessary excavation in all types of strata except rock,refilling, drilling holes or cutting chase in wall, slabs, etc., & making good, testing with hydraulic pump for a pressure of 22 Kg. per Sq.M. or any other pressure as per manufacturer's instructions, etc., complete.	R.M	32		
viii	100 mm CPVC Pipeline Providing and fixing to wall, ceiling and floor or laying in trenches 'CPVC' flowguard pipes of 'Astral' make,of following nominal internal bore,including all fittings such as bends, tees, clamps, etc.,	R.M	24		

	neces-sary excavation in all types of strata except rock,refilling, drilling holes or cutting chase in wall, slabs, etc., & making good, testing with hydraulic pump for a pressure of 22 Kg. per Sq.M. or any other pressure as per manufacturer's instructions, etc., complete.				
ix	Bib Cock (Jaquar - Florentine) Providing and fixing 15 mm dia. screw down chromium plated brass bib cock & stop cocks of approved make, necessary sockets, union nuts, testing, etc., complete.	Nos.	6		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
x	Pillar Cock (Jaquar - Florentine) Providing and fixing Pillar Cock of approved make, necessary sockets, union nuts, testing, etc., complete.	Nos.	3		
xi	Stop Cock (Jaquar - Florentine)	Nos.	6		
xii	Hot & Cold water mixer (Jaquar ) Providing & fixing hot & cold water mixer as per approved make & size including cutting,fixing,good finishing, curing as directed etc complete	Nos.	3		
3	Plumbing for pantry & toilets	R.M	70		

**Total Amount Rupees**

<b>PAINTING &amp; INTERNAL BEAUTIFICATION</b>					
1	Painting (Lustre) i Ceiling	Sq.M	150		
	ii wall (Asian, Nerolac) Providing & Applying Luster paint in 3 coats of approved shade of Asian Paints Co. Ltd., including scrapping, opening of existing cracks, filling up of "V" cracks with epoxy expandable putty to required depths, making good, weak plastered / unplastered surfaces using plaster of paris wherever required, to receive new paint including cleaning on completion of painting work.	Sq.M	510		

	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
2	External Paint (Apex Ultima) Providing and applying external paint Apex or Ace as per manufacturer's specifications in two coats of required shades to give even shades in all types positions to all old & new surface over one primer coat, after thoroughly brushing the surfaces to remove all dirt, filling cracks with crackseal / Ask-O-filla, double scaffolding, etc., complete.	Sq.M	290		

3	Enamel Paint for M.S.Grill of windows Providing & applying Two coats of Enamel Paint of approved colour & shade to the old / new structural steel work & iron work previously painted in building including scaffolding if necessary, cleaning & preparing the surface etc. complete	Sq.M	46		
<b>Total Amount Rupees</b>					
<b>ELECTRICAL</b>					
<b>A</b>	<b>Dismantling</b>				
1	Removing existing electrification & electrical fixtures Providing electric supply for on site work.	Rmtr	100		
2	Dismantling the existing light, fan bell, independent plug point, wiring with mains of all types with accessories etc. complete, with adequate care without damaging surface of wall, ceiling and flooring. The holes shall be refinished to match with the surrounding surface. Site shall be made clean by removing debris.Dismantled material shall be retained by the agency.	Nos.	80		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
<b>B</b>	<b>Providing and Fixing</b>				
1	Light point 1 sq mm Providing wiring for Light point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface	Nos.	87		

	/ recessed / steel conduit with modular switch, modular plate suitable type G.I. box & earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.				
2	Fan point with (wall fan) 1 sq mm Providing wiring for fan point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I. box & earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.	Nos.	9		
3	6 amp Plug full point 1 sq mm Supplying & Fixing of Metal Box of GI box of with modular plate & cover in front on surface or in recess including providing & fixing 3 pin 5/6 amp modular socket & 5/6 amp modular switch, connections, paintings etc as required (for Light plugs)	Nos.	15		
4	6 amp Half Plug point 1 sq mm Supplying & Fixing of Metal Box of GI box of with modular plate & cover in front on surface or in recess including	Nos.	25		
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>

	providing & fixing 3 pin 5/6 amp modular socket & 5/6 amp modular switch,connections, paintings etc as required (for Light plugs)				
5	16 A Power point 2.5 sq mm Supplying & Fixing of Metal Box of GI box of with modular plate & cover in front on surface or in recess including providing & fixing 3 Nos. 5/6 amp modular socket & 15/16 amp modular socket outlet connections, paintings etc as required (for Light plugs)	Nos.	15		
6	Bell point 1 sq mm Providing wiring for Bell point with 1 sq mm FR PVC Insulated copper conductor single core cable in surface / recessed / steel conduit with modular switch, modular plate suitable type G.I. box & earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc. as required.	Nos.	3		
7	Phone point 2 Pair Supplying & fixing Cat 5e Information outlet for telephone outlet housed in GI boxes recessed in wall / partitions / panelling for telephone outlets.	Nos.	6		
8	T.V. Point R.G.6 Supplying & drawing co-axial T.V. Cable	Nos.	3		

	R.G.6 Grade 0.7 mm solid copper conductor PE Insulated, shielded with fine tinned copper braid & protected with PVC Sheath in the existing surface / Recessed Steel / PVC Conduits as required.				
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
9	Speaker Point	Nos.	2		
10	25 A A.C. point 4 sq mm	Nos.	3		
<b>C Providing &amp; Fixing</b>					
11	Lighting MCB Circuit (with box) Supplying & Fixing following way single pole & neutral, pre wired, sheet steel MCB distribution board, 240 Volts on surface / recessed complete with loose wire box, terminal box, duly prewired with suitable size FR PVC insulated copper conductor upto terminal blocks, tinned copper busbar neutral links, earthbar, dinbar detachable gland plate, interconnections phosphatized & powder painted including earthing etc. as required. (But without MCB / RCCB / Isolator)	Nos.	16		
12	Isolator SPN 40 Amp	Nos.	3		
13	Mains Wire i 4 mm ii 2.5 mm iii 1.5 mm	Meter Meter Meter	259 134 184		

14	10mm 4 core I.S.I. Cable	Meter	5		
15	Earthing Job Ground Supplying & Laying 25 mm x 5 mm thk. G.I.strip at 0.5 meters below ground as strip earth electrode including soldering etc. as required	Lumsum	1		

	Item	Unit	Qty	Rate in `	Amount in `
16	Internal Earthing Job Supplying & Laying 25 mm x 5 mm thk. G.I.strip at 0.5 meters below ground as strip earth electrode including soldering et. as required	Lumsum	1		
17	Anchor Fastner fixing with Rod	Nos.	9		
18	Telephone mains & Sub Mains 2 Pair Laying,connecting, testing & comissioning of parallel telephone outlet points using 2 pair telephone wires PVC Insulated wires (ISI Marked) with surface mounted / recessed conduit / alog with fixing 2 pin telephone socket & 2 pin telephone plug on acrylic plate / mounting box as required & as directed.	Meter	250		
19	Intercom Point	Nos.	3		
20	T.V. Mains & Sub Mains	Meters	100		

<b>D Providing &amp; Fixing</b>					
	<b>Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate in `</b>	<b>Amount in `</b>
21	RCCB Distribution (separately for all three floors) i.e. VEF, VOF, SRA Supply , fixing and commissioning RCCB, electro - magnetic type, conforming to IS12640, duly connected with copper leads, copper lugs, etc. with poly carbonate enclosure working on residual current energy, having 100 mA sensitivity & shall protect against earth leakage,with minimum tripping time of 30ms, IP20 degree protection,having 20 kA short circuit breaking capacity with over voltage cut off of	Nos.	1		
	32/40 Amps 2 pole, 1 phase, with test knob facility and with minimum electrical endurance of 20,000 operations.				
22	63 Amp Busbar (One for the building) i.e. VEF, VOF, SRA				
23	Telephone Crown Box	Lumsum	1		
<b>Total Amount Rupees</b>					

**LIST OF APPROVED MATERIAL**

**CIVIL**

<b>Sr.No.</b>	<b>Item</b>	<b>Company</b>
1	Cement	ACC, Ambuja
2	High Yield Strength deformed Bar	Tata Steel, TISCON 40
3	Vitrified Tiles	RAK, Seine Dyna 600x 600, Nitco, Asian
4	Glazed Tiles	Nitco, Kajaria,Asian Granito India Ltd., 2010 Collection

5 Water Proofing Compound

6 White Cement

7 Flush Door

8 Ply

18mm, 12mm, 6mm

9 MDF

10 Laminate

11 Veneer

12 B.T.C. Lipping

13 Teak Wood

14 Adhesive

15 Wood Screws

16 Locks M.P.

17 Mortise Lock

Feneix Ceramic - Vol.1

Dr.Fixit / Perma /Kerakoll

J.K.Birla

Narottam, Greenply, Premium

Green Ecotech /

Narottam Gold BWP

Green Engineered Panels /

Nuwud

1 mm Thk. Greenlam / Merino /

Royal Touch / Silicon / Heritage

S.S.Foil (Royal Touch)

For Company Code of Laminate,

Consult to the Architect.

4 mm Thk. Veneer

Green Spectrum Wood

Sonear

Full Thickness of 6mm or 1/4"

12 mm or 1/2" in

Burma Teakwood

Fully seasoned and good quality

of teak wood to the satisfaction

of Architect. Section sizes

specified on drawing are finished

sizes.

Synthetic Resin Adhesive by

Pidilite FEVICOL / Falcofix

By GKW Nettle fold brand , Metal screw

full threaded to be used.

ACS / Doorset Multipurpose

locks for Counter lower cabinets

counter ledger cabinets & other

cabinets to be used.

ARCHIE /DECO Mortise / Dead

Lock with Cylinder knob

for all cabin Internal Doors

18 Cabinet Locks	Medium size Cabinet lock with long key EUROPA / DOORSET / VIJAYAN
19 Door Closure	Company ENOX /OZONE
20 Floor Spring	Heavy duty ENOX / OZONE Floor Spring.
21 Telescopic Drawer Slides	SOLO / DOORSET
22 Magnet Catch	HANZER
23 Hinges	Heavy duty W, L, S.S. Pin / Brass Hinges of all size. CASA / MAGNUM.
24 Handles	For Glass Door Approved door Handle (Range Rs. 2000/- to 3000/- & for Shutters SS Handle EAGLE /ACS DEER system to the approval of Architect.
25 Door Rail	Top bottom with Lock ENOX make EPF 724 EPF 725 Satin Stainless steel. (SSS) Saint Gobain
26 Glass /Mirror	High Density Foam & Coir Foam (Hard) Company:
27 Foam	Swati or Equivalent.
28 Plaster of Paris Ceiling Frame Work	Full 12 MM Thk (Jaipur sheet) G.I. Patti, Bottom, suspender with anti-corrosive paint.
29 KeyBoard Tray	EBCO make with soft palm & mouse tray. KTSM 35
30 Vertical Blinds	AEROLUX / VISTA LEVLOR / PARRYTEX
31 Wood Preservative	Wood Guard
32 Chairs	Blue Mango / Featherlite / Godrej

33 Paints  
34 Polish  
35 Waterproof Cement Paint  
36 Magnetic Boards  
37 Gypsum False Ceiling  
38 Tile Fixing Adhesive

Asian / Nerolac  
Melamine (Asian)  
Apex (Ultima)  
Alkosign  
Saint Gobain Gyproc India Ltd.  
Saint Gobain Webber

**LIST OF APPROVED MATERIAL**

**PLUMBING**

<b>Sr. No.</b>	<b>Item</b>	<b>Company</b>
----------------	-------------	----------------

1 25mm, 32mm G.I. Pipes	'C' Class, Zenith / Tata
2 50 mm,75 mm, 100mm PVC PIPES	Prince / Ori Plast
3 Bib Cock, Angle Cock, Pillar Cock	Jaquar (Florentine)
4 Bottle Trap, Flush Valve	Jaquar (Florentine)
5 Toilet Accessories	Jaquar (Florentine)
6 Sanitary ware	Hindware
7 Concealed Flusing Cistern	Jaquar / Hindware

## LIST OF APPROVED MATERIAL

### ELECTRICAL

<b>Sr. No.</b>	<b>Item</b>	<b>Company</b>
1	Miniature circuit breakers (20 A)	GE / Schneider
2	ELCB 100 A 4 pole	MDS/ Schneider
3	Telephone cable	2 Pair
4	Computer cable	Cat 6 D Link
5	Switches and sockets	Roma (Modular series) Tressa plate
6	Tube lights – 4'0" long	Philips or Crompton Greaves
7	Bell	Anchor
8	Ceiling fans	Orient / Crompton / Bajaj
9	Wall fans	Remi (Royal Model)
10	Lighting Fixtures	
	i Fluorescent	
	ii Incandescent / Halogen / PL / Metal	Hybec/ Philips / Crompton
	iii External Lighting Fixture	
11	PVC insulated copper conductor	Finolex

stranded flexible wires (FR)

12 Conduits

13 Industrial A.C. Plugs socket

14 Changeover switch

15 Main switches

16 Distribution Board

17 Inverter

18 Wire

Modi / Diamond

Crompton Greaves

LT Hauger

KEW / Anchor

Schneider

Finolex































































































































































### SUMMARY OF BOQ

Sr.No.	TYPE	CIVIL	PLUMBING	PAINTING	ELECTRICAL	TOTAL
1	VEF					
2	VOF					
3	SRA					
<b>Grand Total (Amount In `)</b>						

**SIGNATURE OF CONTRACTOR  
( WITH SEAL)**