

**ALTERNATE ANGLE ARCHITECTS PVT LTD**

PROJECT	Home for Destitute Children	JOB NUMBER	1607
		DATE	27-08-2016
DOCUMENT	ARCHITECTURAL BILL OF QUANTITIES AND SPECIFICATION- BUILDING	REV NO.	0
DOCUMENT NO.		PREPARED BY	
PARTICULARS	BUILDING GIRLS BUILDING, BOYS BUILDING & SITE FINISHING WORK	CHECKED BY	SJS

S.No.	ITEM NO	Description of Work	UNITS	BUILDING TYPES		NON BUILDING AREAS/ SITE WORK	TOTAL	REMARKS
				BOYS BUILDING	GIRLS BUILDING			
<b>1</b>	<b>MASONRY WORKS</b>							
	<b>1a</b>	<b>150MM THK. BLOCK WORK</b>						
		Providing and constructing non load bearing wall of 150mm thick precast solid concrete block masonry (including quin block, jamb block, closer etc.) of approved size of as per IS:1905-1987 and an average compressive strength of 35 kg/sqcm in cement mortar 1:6 of 12mm thick joints at all levels with 2nos. of 6mm dia MS round bars at every third course (including curing, scaffolding, etc.) and all materials and labour complete.						
		EXTERNAL & INTERNAL WALLS	SQM	1,066.83	1,066.83			
		COMPOUND WALLS	SQM			170.00		
		WATCHMAN'S CABIN	SQM	15.45	15.45			
<b>2</b>	<b>PLASTERING WORKS</b>							
	<b>2a</b>	<b>INTERNAL CEMENT PLASTERING</b>						
		Providing & applying 12mm thick cement plaster with Neeru finish in cement Mortar 1:3 with fine sand in a single coat, on all internal wall, concrete surfaces and at all levels and heights to correct lines with necessary scaffolding, rounding off or chamfering of corners, cleaning of surfaces, raking out joints, roughening of surfaces, chiselling the undulated surfaces wherever necessary, curing, making grooves etc., including complete materials and labour.						
		INTERNAL SURFACES - MAIN BUILDING	SQM	2,763.30	2,763.30			
		WATCHMEN'S CABIN	SQM	17.28	17.28			
	<b>2b</b>	<b>EXTERNAL CEMENT PLASTERING</b>						
		Providing and applying 18 mm thick sand faced plaster with course sand in two coats, on all external walls and at all levels and heights complete with grooves, bands etc. wherever specified to correct lines with necessary scaffolding, and rounding off or chamfering of corners, cleaning of surface, raking out joints, roughening of surface, chiselling the undulated surface wherever necessary curing etc., including complete materials and labour. Base coat of 12mm in C.M. 1:3 with waterproofing compound of mix 1kg for 50kg of cement with rough finish and second coat of 6mm in C.M.1:3 finished with steel trowel. Incl. drip mould, chicken mesh and grooves at junction of RCC and brickwork. Curing for not less than 14 days etc.						
		EXTERNAL SURFACES	SQM	1,080.00	1,080.00			
		COMPOUND WALLS	SQM			402.50		
		WATCHMAN'S CABIN	SQM	21.63	21.63			
		POINTING WORK IN PLASTER	SQM	15.60	15.60			
		PLASTER BAND	RM	308.47	308.47			
<b>3</b>	<b>WATERPROOFING</b>							
	<b>3a</b>	<b>IPS WATERPROOFING WITH BRICK BAT COBA</b>						
		Providing and laying I.P.S. waterproofing with brick bat coba treatment to terrace slab including - 1. Washing the existing concrete surface. Injection grouting with non shrink cementitious grout of approved manufacturer at construction joints, honeycombed area and at vulnerable junctions 2. Laying 1:3 cement mortar base & Mixing an integral waterproofing compound of approved make at 1.0 kg per bag of cement at all stages. 3. Laying brickbat in layer in CM 1:3 to required slope as per drawing. 4. Top coat of 1:3 cement mortar, finishing the top coat with cement slurry. Rate shall include curing, cleaning, giving 7 days pond test and 10 years guarantee. Waterproofing shall be carried out upto 230mm above finished terrace level with coving. Measurement given, is clear plan dimensions. Avg. thk of waterproofing shall be 100 mm.						
		TOILET AND KITCHEN SUNKS	SQM	46.96	49.48			
		TERRACE AREA	SQM	185.00	185.00			
		WATCHMEN'S CABIN	SQM	4.37	4.37			
		PROVIDING WATER PROOFING AND ROUND VATA WITH CHINA MOSAIC FINISH AT TERRACE	RMT	227.73	227.73			
<b>4</b>	<b>PAINTING WORKS</b>							
		<b>INTERNAL PAINTING</b>						
	<b>4a</b>	<b>OIL BOUND DISTEMPER</b>						
		Providing and applying three coats of oil bound washable distemper of approved manufacturer and of required shade on surfaces to give an even shade including a priming coat with alkali resistant primer and two coats of readymade putty of approved manufacturer, and applied as per manufacturer's specification after thoroughly brushing the surface free from mortar dropping and other foreign matter, preparing the surface even and sand papered smooth including all materials and labour.						
		FOR WALLS AND CEILING	SQM	2,130.20	2,130.20			
	<b>4b</b>	<b>WHITE WASH</b>						
		Providing and applying 2 coats of white wash with white cement on any surface to give an even shade including thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including all materials and measures to complete the job.						
		FOR WALLS & CEILING. (Shatts)	SQM	73.74	73.74			
		<b>EXTERNAL PAINTING</b>						
	<b>4c</b>	<b>EXTERNAL GRADE WEATHER SHIELD CEMENT PAINT</b>						
		Providing and applying three coats (first two coats with brush and final coat with roller) of WEATHER SHIELD CEMENT PAINT of approved manufacturer of required shade on all surfaces and all heights to give an even shade including a priming coat with alkali resistant primer and two coats of ready made putty of approved manufacturer and applied as per manufacturer's specification after thoroughly brushing the surface free from mortar dropping and other foreign matter, preparing the surface even and sand papered smooth etc. including all materials and labour complete.						
		FOR WALLS & CEILING- external surfaces	SQM	1,080.00	1,080.00			
<b>5</b>	<b>FLOORING</b>							
	<b>5a</b>	<b>KOTA STONE FLOORING</b>						
		Providing and laying Kota stone slab flooring of approved quality, colour and required size selected and sorted for uniformity in colour free from cracks, fissures & flakes with straight edges & perfect corners laid at right angles as per pattern over a bedding of cement mortar 30mm thk. average in C.M.1:4 pointed neatly with white cement mixed with colouring pigment to match colour of tile and rubbing, curing and polishing of three or more coats of polishing (with oxalic acid) upto mirror finished including all material and labour.						
		FLOORING	SQM	467.42	467.42			
		MID LANDINGS & LANDINGS	SQM	20.46	20.46			
	<b>5b</b>	<b>GRANITE FLOORING</b>						
		Providing and laying approved quality machine cut, factory mirror polished Granite slabs 25mm thick for flooring as specified, selected & sorted for uniformity in colour, free from cracks, fissures & flakes with straight edges & perfect corners laid at right angles as per pattern, over a bedding of cement mortar 25mm thk. average in C.M.1:4 pointed neatly with white cement mixed with colouring pigment to match colour of slab and finished in all respects all materials and labour complete. The flooring shall be covered with POP of 12mm thick to ensure that the flooring is not damaged till the construction work is completed and handed over.						
		GRANITE STONE BORDER (100MM WIDE)	QUOTE RATE					
	<b>5c</b>	<b>ANTI-SKID VITRIFIED TILE FLOORING</b>						
		Providing and laying ANTI SKID VITRIFIED floor tiles of matt finished thickness to be specified by the manufacturer of 1st quality conforming to IS :13755 of approved make, of required colour, shade and pattern as approved, laid in patterns, in flooring over (avg) thick base of cement mortar 1:4 including pointing with white cement slurry admixed with pigment of matching shade of grouting etc all complete as per the architectural drawings, as specified and as directed by the Engineer-in-Charge.						
		300 x 300mm -TOILETS	SQM	151.45	153.97			
	<b>5d</b>	<b>IPS FLOORING</b>						

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		Providing and laying cement concrete flooring with a base layer of cement concrete 1:2:4 and stone aggregate of 20mm nominal size finished smooth with floating coat of cement mortar 1:3 including cement slurry (Floor Finish shall be of 40mm thk. And 6mm glass strip etc.) complete in true lines and level as per specification and drawing.					
		SHAFTS, LMR	SQM	5.02	5.02		
	5e	<b>CHINA MOSAIC FLOORING</b> Providing and laying china mosaic tile flooring for terrace with 12 to 20mm of broken pieces of ceramic glazed tiles of approved colours laid over cement mortar bedding of C.M 1:3, and tamped to bring mortar cream up to surface including rounding of junctions and extending them upto 15cm along the wall, curing and cleaning with water and oxalic acid, etc. as directed.					
		TERRACE	SQM	164.04	164.04		
<b>6</b>	<b>TREAD &amp; RISER</b>						
	6a	<b>KOTA STONE TREAD</b> Supplying and laying 30mm thick 300mm wide machine cut and machine polished with tin oxide finish single piece kotah stone tread free of flakes and fissures and of approved uniform colour throughout with half rounded edge nosing and 3 nos of antiskid grooves over a cement mortar bed 20mm thick average in CM 1:4, finished in all respects, including all materials and labour complete.					
		KOTA - TREADS OF SIZE 1200 X 300 (GROUND FLOOR)	NOS	20.00	20.00		
		KOTA - TREADS OF SIZE 1200 X 300 (TYPICAL FLOORS)	NOS	54.00	54.00		
		KOTA - TREAD OF SIZE 1200 X 300 (ENTRY STEPS)	NOS	3.00	3.00		
	6b	<b>KOTA STONE RISER</b> Supplying and fixing 18mm thick machine cut and machine polished green kotah stone risers of required height with tin oxide polish finish free of fissure and flakes and of uniform colour throughout over a bed mortar 12mm thick average in CM 1:3, finished in all respects, including all materials and labour complete.					
		KOTA - RISERS OF SIZE 3000 X 150 (GROUND FLOORS- SERVICE ENTRY & ENTRANCE STEPS)	NOS	4.00	4.00		
		KOTA - RISERS OF SIZE 1200 X 150 (TYPICAL FLOOR)	NOS	72.00	72.00		
		KOTA - RISERS OF SIZE 1200 X 150 (ENTRY STEPS)	NOS	4.00	4.00		
<b>7</b>	<b>SKIRTING/DADOING/ CLADDING</b>						
	7a	<b>CERAMIC TILE SKIRTING</b> Providing and fixing ISI quality ceramic glazed tiles up to 100mm high conforming to IS:13753 of minimum thickness 5mm of approved make of required colour and shade as approved, laid in patterns, in skirting over 12 mm thick cement mortar 1:3 and jointed with grey cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade etc., all complete as per the architectural drawings, as specified and as directed by the Engineer-in-Charge.					
		100MM HIGH SKIRTING- DRY BALCONIES	RM	36.58	36.58		
	7b	<b>CERAMIC TILE DADO</b> Providing and fixing ISI quality ceramic glazed tiles conforming to IS:13753 of minimum thickness 5mm of approved make of required colour and shade as approved, laid in patterns, over backing mortar of grey cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade etc., all complete as per the architectural drawings, as specified and as directed by the Engineer-in-Charge.					
		300X600 CERAMIC TILE DADO - 2100MM HIGH DADO- TOILETS, KITCHEN, STORE & DISHWASHER AREA	SQM	394.87	405.67		
		300X300 CERAMIC TILE DADO- FULL HEIGHT- OHT TANK	SQM	29.72	29.72		
	7c	<b>KOTA STONE SKIRTING</b> Providing and fixing machine cut and hand polished kota stone slab of thickness of 18mm as skirting of 100mm height of approved quality and colour selected and sorted for uniformity in colour free from cracks, fissures & flakes with straight edges & perfect corners fixed over a cement mortar backing of 12mm thick in C.M. 1:3 pointed neatly with white cement mixed with or without colouring pigment to match colour of tile, joints to match flooring joints properly, cured, polished and finished in all respects, including all materials and labour.					
		100mm HIGH- FLOORING	RM	357.83	357.83		
		100MM HIGH- MID LANDINGS & STEPS	RM	134.85	134.85		
<b>8</b>	<b>STONE MISC WORKS</b>						
	8a	<b>GRANITE COUNTER</b> Providing and fixing 18mm thick machine cut, pre-mirror polished, colour Granite counter top kitchen/ wash basins counters of required size and texture laid over 35mm thk kadappa stone slab with levelling base cement mortar 1:4 of required thickness laid and jointed with cement slurry including pointing with white cement slurry admixed with matching pigment, epoxy touch ups, including nosing, rubbing, curing etc. all complete, at all levels as per the architectural drawings, as specified and as directed by the Engineer-in-Charge. (For the purpose of the payment, the area of the granite stone slab shall be measured without deduction for the openings made in the stone, if any). The granite counter will be supported by vertical 30- 35mm thk Kadappa stone and a granite fascia part of 18mm thk & 65mm wide will be installed. The platform will include purchase and installation of stainless steel sink.					
		JET BLACK GRANITE COUNTER - KITCHENS & PANTRIES	RM	23.11	23.11		
	8b	<b>GRANITE LEDGE</b> Providing and fixing 150mm wide, 25mm thk, flame finish granite strips as per approved shade including for cutting required dimensions and shape as per design over 20mm thk. bed mortar of C.M 1:4, 30mm thk with rounded and polished surface and edges. Rate shall include for preparation of base surface, jointing with matching cement slurry and work at all levels etc. complete, all as directed.					
	i	WALL CLADDING- LIFT JAMBS	RM	19.80	19.80		
	ii	WALL CLADDING- LOBBY AREA (200mm band of cladding around lift opening)	RM	19.80	19.80		
	iii	DOUBLE OVERLAPPING STRIP DOOR FRAMES (150MM WIDE)-DOORS	RM	148.65	148.65		
	iv	JAMBS AND SILLS (150 MM WIDE)-COLLAPSIBLE GATES, WINDOWS AND VENTILATORS	RM	45.20	45.20		
	8c	<b>GRANITE DOOR FRAME</b> Providing and fixing approved quality machine cut, mirror polished Granite strips 25mm thick 150mm wide for door frames as specified, selected & sorted for uniformity in colour, free from cracks, fissures & flakes with straight edges & perfect corners. 2 strips of polished overlapping granite frame on 3 sides of the door opening. Provide with putty and paint finish on door jambs on all 3 sides.					
	i	D3 - 750 X 2100	NOS	22.00	22.00		
	ii	D11 - 750 X 2100	NOS	1.00	1.00		
	iii	D15 - 900 X 2100	NOS	2.00	2.00		
	iv	D16 - 900X 2100	NOS	1.00	1.00		
<b>9</b>	<b>MS WORKS</b>						
	9a	<b>100MM DIA MS PIPE HAND RAIL WITH BALLUSTER</b> Providing, fabricating and fixing 1200 mm high handrail consisting of 60 NB medium class mild steel pipe as top and bottom rail conforming to IS 806 and IS 1161 and 20NB medium class mild steel pipe as vertical posts at every 200MM as per architectural drawings provided and toe plate of 80x5 flat including sockets, elbows, bends etc. Handrail shall be finished with three coats of synthetic enamel paint over a coat of anti corrosive zinc rich primer all materials and labour include. (Rate shall be per meter length of hand railing complete with painting)					
		BALCONY HANDRAIL	RM	5.40			
	9b	<b>MS LADDER</b> Providing, fabricating and fixing of MS staircases from terrace to OHT tank/LMR. The MS staircase shall be fabricated and welded using 2 no. ISMC125 stringer beams, MS angle 40X40X6mm and MS chequered plate 4mm thick as per details shown on the drawings. The complete MS stair shall be held in place using 4 no steel anchor plates 230x300x6mm thick with one plate at each end of the stringer beam. Each plate is anchored into the PCC or RCC bed block by means of 2 no 12 dia 450mm long bars bent to shape as shown in the drawing. The RCC slab at the base of the staircase has an additional beam to take the weight of the staircase as shown in drawing 24V-0179. The width of stair is 1250mm clear between the stringer beams. The tread is made up of an angle frame of 40 x 40 x 6mm welded together with an anti-skid MS chequered plate tread 4mm thick. MS railings shall be provided on both sides of the staircase as well as the landing area (as applicable). The railing shall be fabricated out of MS sq. bar 20X20mm size balusters welded to the stringer beam at the bottom. The hand rail shall be a 50mm dia 14 gauge MS pipe rail, having a height of 1050mm measured at nosing of tread. The ends of the 50mm dia pipe shall be sealed tight using a hemi-sphere in 14 gauge MS sheet. The rate shall be including cutting bars, welding, fixing in position, applying one coat of red oxide including cost and conveyance of all materials to site labour charges etc complete for finished item of work.					
		FOR OHT TANK- Length of ladder 6mts	NO	1.00			

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		9c	<b>MS GRILL - TYPE 1</b> Providing, fabricating and fixing M.S. safety grill out of M.S. scrolls and bordered flats with required bending, shaping and adjusting variations for site dimensions complete with welding, grinding, cleaning and priming with two coats of zinc rich primer and painted with two under coats and one finished coat of oil / enamel paint. Fabrication will involve connections using plates, channels and angles, gusset plate, foundation bolts, cleats, fasteners, stiffeners etc. complete. Further include required preparation of shop drawings and getting approval from the Architect and Structural Consultants, providing samples, mockups, taking actual site measurements and modifying and coordinating with site and fabrication yard, etc. all complete to the approval of PM. (Consumption 1.5 kg/Sq)					
			TOILET VENTILATORS	SQM	7.56			
		9d	<b>MS GRILL -TYPE 2</b> Providing, fabricating and fixing M.S. safety grill out of M.S.1/2" dia horizontal bars at 200mm c/c and single MS flat vertical at center to support the horizontal bars with required bending, shaping and adjusting variations for site dimensions complete with welding, grinding, cleaning and priming with two coats of zinc rich primer and painted with two under coats and one finished coat of oil / enamel paint. Fabrication will involve connections using plates, channels and angles, gusset plate, foundation bolts, cleats, fasteners, stiffeners etc. complete. Further include required preparation of shop drawings and getting approval from the Architect and Structural Consultants, providing samples, mockups, taking actual site measurements and modifying and coordinating with site and fabrication yard, etc. all complete to the approval of PM.					
			WINDOW GRILLS	SQM	74.25			
		10	<b>WOODEN JOINERY</b>					
		10A	<b>WOODEN DOOR FRAMES</b>					
			<b>RED MERANTI/ HARD WOOD DOOR FRAME</b> Providing and fixing 120x60 mm Red meranti single rebated frame for shutter and finished with melamine polish. Shaping, joning, sandpapering, applying a coat of bituminous paint on concealed surface with fixing in masonry/ RCC walls by means of 300X25X6mm thick M.S. hold fasts (with maximum vertical spacing 600mm)/ anchor fasteners painting with two coats of polish of approved colour over approved quality primer coat, finishing etc. including all material and labour. Provide with putty and paint finish on door jambs on all 3 sides					
		10B	<b>WOODEN DOOR SHUTTERS</b>					
			<b>FLUSH SHUTTERS &amp; LAMINATE FINISH ON SHUTTERS</b> Providing and fixing 32mm thk flush door shutter with laminate on both sides of approved design, core of block board construction with frame of 1st class hard wood and well matched commercial ply veneering with vertical grains or cross bands on both faces of shutters, bonded by phenolformaldehyde synthetic resin adhesive conforming to BWP grade as specified in IS:848:1974. The rate also includes necessary hardwares as per hardware schedule and complete in all respect.					
			SINGLE SHUTTER HARDWARE: SS ball bearing butt hinges 102mm x 76mm x 3mm - 3 Nos.; SS Tower bolt, 10mm dia 300mm long - 1 No.; SS door stopper with rubber buffer - 1 No; Aldrop-1 number; SS handles 200mm-2 nos					
			DOUBLE SHUTTER HARDWARE: SS ball bearing butt hinges 102mm x 76mm x 3mm - 6 Nos.; SS Tower bolt 10mm dia 300mm long - 2 No.; SS door stopper with rubber buffer - 2 No; Aldrop-1 number; SS handles 200mm-2 nos					
			SINGLE SHUTTER					
		i	D1 - 1000 X 2100	NOS	1.00	1.00		
		ii	D2 - 900 X 2100	NOS	9.00	9.00		
		iii	D12 - 900 X 1200	NOS	1.00	1.00		
			DOUBLE SHUTTER					
		i	D4 - 100 X 2100	NOS	1.00	1.00		
		ii	D5 - 900 X 2100	NOS	7.00	7.00		
		iii	D6 - 1200 X 2100	NOS	3.00	3.00		
		iv	D13 - 900 X 2100	NOS	2.00	2.00		
		v	D14 - 1200 X 2100	NOS	2.00	2.00		
		vi	D10 - 1200 X 2100	NOS	1.00	1.00		
		10C	<b>WOODEN FRAME &amp; GLASS SHUTTERS</b>					
			Providing and fixing 40mm thk frame shutter with with melamine polish on both sides of approved colour and make and 8mm thk glass pane. Architrive with melamine polish on both sides of the door. Inbuilt MS grill frame in shutter with MS flats. The rate also includes necessary hardwares as per hardware schedule and complete in all respect.					
			<b>FOUR LEAF FOLDING DOOR SHUTTER HARDWARE:</b> SS ball bearing parliamentary hinges 102mm x 76mm x 3mm - 12 Nos.; SS Tower bolt 10mm dia 300mm long - 4 No.; SS door stopper with rubber buffer - 2 No; Aldrop-1 number; SS handles 200mm-4 nos					
				NOS				
		10D	<b>WOODEN WINDOW SHUTTERS &amp; FRAMES</b>					
		10Da	<b>RED MERANTI/ HARD WOOD DOOR FRAME</b> Providing and fixing 100x60 mm Red meranti single rebated frame for shutter and finished with melamine polish. Shaping, joning, sandpapering, applying a coat of bituminous paint on concealed surface with fixing in masonry/ RCC walls by means of 300X25X6mm thick M.S. hold fasts (with maximum vertical spacing 600mm)/ anchor fasteners painting with two coats of polish of approved colour over approved quality primer coat, finishing etc. including all material and labour. Provide with putty and paint finish on door jambs on all 3 sides. Refer specification of MS grill for fixing in wooden window frame.					
		10Db	<b>WOOD SHUTTERS WITH GLASS PANES</b> Providing and fixing 75X35 thk red meranti frame shutter with melamine polish on both sides of approved colour and make and 5mm thk glass pane. Architrive with melamine polish on both sides of the door. (OPENABLE OR FIXED GLAZED WINDOWS)					
			<b>SINGLE SHUTTER SIDE OPENABLE HARDWARE:</b> SS butt hinges 102mm x 76mm x 3mm - 2 Nos.; SS Tower bolt, 10mm dia 150mm long - 2 No.; SS handles 200mm					
		i	W9 - 450X 900	NOS	16.00	16.00		
			<b>SINGLE SHUTTER TOP HUNG HARDWARE:</b> SS butt hinges 102mm x 76mm x 3mm - 2Nos.; SS Tower bolt, 10mm dia 150mm long - 2 No.; SS handles 200mm-2 nos; MS stopper/adjustment strip					
		i	W1 - 1800 X 1500	NOS	3.00	3.00		
		ii	W2 - 600 X 1500	NOS	8.00	8.00		
		iii	W4 - 450 X 1500	NOS	8.00	8.00		
			<b>DOUBLE SHUTTER HARDWARE:</b> SS butt hinges 102mm x 76mm x 3mm - 4Nos.; SS Tower bolt, 10mm dia 150mm long - 4 No; SS handles 200mm-2 nos					
		i	W3 - 1000 X 1500	NOS	7.00	7.00		
		ii	W5 - 900 X 1500	NOS	9.00	8.00		
		iii	W6 - 1200 X 1500	NOS	4.00	4.00		
		iv	W7 - 1200 X 1500	NOS	6.00	6.00		
		v	W8 - 1500 X 1500	NOS	6.00	6.00		
		vi	W10 - 900 X 1200	NOS	2.00	2.00		

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11		<b>FRP JOINARY</b>						
		11a	<b>FRP DOOR SHUTTERS</b>					
			Providing and fixing FRP door in single leaf 35mm thick with 2mm thick homogeneous layer of F.R.P. on both the side without ventilator. Door frame to be made aluminium. High impact structural material is sandwiched between two layers of multi-ply sheets. Door to be fitted with handles on both sides, tower bolts, etc., complete. Top most layer of gel coat and F.R.P. pigment for permanent colour approved by Architect.					
			FRP DOOR HARDWARE: SS butt hinges 102mm x 76mm x 3mm - 3 Nos.; SS Tower bolt, 10mm dia 300mm long - 1 No.; Cylindrical lock-1 nos.					
		i	D3- 750 X 2100	NOS	22.00	23.00		
		ii	D8- 750X2100	NOS	1.00	1.00		
		iii	D9- 900 X 2060	NOS	2.00	2.00		
		iv	D15- 900 X 2100	NOS	2.00	2.00		
			FRP DOOR HARDWARE: SS butt hinges 102mm x 76mm x 3mm - 3 Nos.; SS Tower bolt, 10mm dia 300mm long - 1 No.; Aldrop-1 number; SS handles 200mm-2 nos.					
			STAIRCASE HEADROOM & LIFT MACHINE ROOM- D11- 900 X 1200	NOS	1.00	1.00		
			FRP DOOR WITH LOUVERS HARDWARE: SS ball bearing butt hinges 102mm x 76mm x 3mm - 3 Nos.; SS 300mm long x 22mm dia D type pull handles - 2 No.; SS Tower bolt, 10mm dia 300mm long - 1 No.; SS aldrop 300mm long					
		i	SECURITY CABIN - D16- 900 X 1200	NOS	1.00	1.00		
12		<b>ALUMINIUM JOINARY</b>						
		12a	<b>POWDER COATED ALUMINIUM FRAMED ADJUSTABLE LOUVERED VENTILATORS</b>					
			Providing and fixing aluminium ventilator 50 micron powder coated aluminium sections with Akzo nobel or equivalent as per architects colour choice/finish with extruded built-up sections of approved make glazed with 4mm thick grounded glass slabs fixed with C.P.brass/ stainless steel screws fixed to the sub frame, adjustable at any angle with the help of a knob, and fixed to the wall with requisite rawl plugs/screws/fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with requisite P.V.C./ polysulphide sealant/ silicone sealant etc., including cup-pivots, all complete as per architectural drawings and the directions of the engineers-in-charge. Operable louvers at bottom with provision of an exhaust fan and another panel of fixed glass on top.					
		i	V- 600 X 900	NOS	14.00	15.00		
		ii	V1- 1050 X 450	NOS	16.00	16.00		
		iii	V2- 950 X 450	NOS	8.00	8.00		
13		<b>MISCELLANEOUS WORK</b>						
		13a	<b>PLINTH PROTECTION</b>					
			Providing and Laying 150 mm thick P.C.C. Plinth Protection in M-10 Grade laid to slope and finished at periphery of Building and meter room.					
		i		CUM	35.11	35.11		
		13b	<b>ANTI TERMITE TREATMENT</b>					
			Providing anti-termite treatment including diluting and injecting chemical solution/ Neem base solution and creating a continuous barrier under and around the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surroundings of pipes and conduits etc. Complete as per specification using Chlorpyrifous emulsified concentrate (20%) in 1% concentration ( or as recommended by the manufacturer) or using Neem based solution.					
				LS				
<b>END OF ARCHITECTURAL BILL OF QUANTITIES</b>								

**ARCHITECTURAL BOQ NOTES**

- All External landscape areas softscape are excluded.
- Decorative light fittings and lighting fixtures for apartments are excluded
- No false ceiling is considered in any tower area except for toilets and Lift lobby area
- Any type of furniture and fixtures not considered.
- Please refer architectural drawing set, finishing matrix and tender document along with this document
- Please refer structural and MEP BOQ for respective items