

Construction of AGM Flats at LK -3, Lal Kothi, Scheme, Jaipur

SCHEDULE OF QUANTITIES

CIVIL WORKS

*Note Barricading of entire site as per the engineer of site is to be taken care by the contractor, no Payment shall be made in this regard.

S.NO.	SOR	Item	Quantity	Unit	Rate	Total
		DISMANTLING & DEMOLISHING WORK				
		NOTE:				
1		A) The quoted rate should include cost of necessary scaffolding, staging, centring, shuttering etc. as required for execution of the job at any height and location including removal of same. The scaffolding should be erected and anchored into the concrete members with help of expandable bolts, which are to be cut as the scaffolding is removed, no wall is to be punctured, at no extra cost to the Bank. B) Contractor has to make arrangements at his own cost to tie a safety net around the work so that loose plaster/ concrete does not cause damage to the property or any human being, if necessary. C) Contractor has to make arrangements at his own cost to cover entire external surface with Hessian cloth curtains so that not cause any damage to the existing structures near the building and even take care of dust control and carefully removing them complete.				
2	SOR-25.3	Dismantling manually or by mechanical means all type of Stone / brick / block masonry in the entire building including plastered walls, parapet on terrace, compound wall etc. in existing sub structure and superstructure at all height and location. The contractor should take care that dismantling of structure should not cause any damage to the existing / adjacent structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. All the work shall be carried out as instructed by Architect / SBI. The rate to include carting away unserviceable material / debris to a place approved by Municipal Corporation. The work also includes levelling the ground after carting away.	80.00	CUM		
3	DSR-15.12.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	4.00	Each		
4	DSR-15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	1020.00	KG		
5	DSR-15.28.2	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: Asbestos Cement sheet	48.00	SQM		

6	SOR-1.2	Clearing grass and removal of the rubbish including disposal of the same outside the periphery of the area cleared at Municipal approved dumping yard/ground upto any lead and lift.	2150.00	SQ.M.		
		EXCAVATION				
7	SOR-1.4.B	Earthwork in Excavation, manually or by mechanical means, for foundation of walls, column footings, pile caps,raft, foundations, plinth beams, steps, water tanks, cess pits, etc., in all types of soil including soft or hard moorum,boulders (upto 0.10 cum) shoring the sides wherever necessary, bailing/pumping out sub-soil /rain water and keeping the foundation trenches and pits dry including filling back the trenches by selected and approved qualityexcavated earth in layers not exceeding 20 cm., watered and consolidated, spreading surplus excavated earthwithin plot and carting away surplus materials out of site, all complete as directed. Rate to include necessary cost towards transportation of remaining material rendered surplus out side the Bank's premises/site and disposing the same to approved municipal yard with all lead and lift including labour for loading, unloading surplus excavated earth complete as directed by the Bank. Excavation beyond 2.00 meter and upto 3.0 mtr. depth from natural Ground Level.	5140.00	CUM		
		BACK-FILLING				
8	SOR-1.7	Filling approved quality available excavated surplus earth (excluding rock) in trenches, plinth, plinth protection, under floors, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering including all lead, lift and transportation within the site/plot/premises as directed by Engineer-in-charge.	1330.00	CUM		
		FILLING WITH BROUGHT EARTH				
	SOR-1.9	Supplying approved quality selected earth / hard murrum brought from outside (at contractor's cost) and filling the same in plinth, plinth protection, trenches, around drains, boundary walls, low lying areas for levelling etc. including removing debris, organic matter, etc and spreading in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming (mechanically or manually),	490.00	CUM.		

		PRE CONSTRUCTION ANIT-TERMITE TREATMENT				
9	SOR-3.1	Carrying out pre-construction Anti-termite treatment using approved Chemical IMIDACLOPRID or equivalent at various stages of construction as per IS 6313:2013 and as recommended by the chemical manufacturer to safeguard the building against termite including execution and submission of guarantee for a period of 10 years (On non judicial stamp paper of required value as per format approved by Bank) against any subterranean pests infestation. The work should be got executed through specialised agencies approved by the Bank. a 1st stage: Treatment to soil below foundation PCC. b 2nd stage: Treatment to soil below grade slab / plinth level slab. c 3rd stage: Treatment of soil along external perimeter of building including Plinth protection. Mode of Measurements: Plinth area of the building shall be measured.) Approved Agencies: PCI/ PECOPP/ GODREJ HI-CARE or Equivalent approved by the Bank.	880.00	SQM		
		PCC BELOW FOOTINGS & PLINTH BEAMS				
10	SOR-4.1	Providing and laying in position machine mix PCC (plain cement concrete) under foundation, plinth protection, floor slabs, grade slabs, coping, sill concrete etc. including transporting, laying, compacting, finishing the surface in line, level and plumb as per requirement and curing etc. complete. The Rate to include necessary formwork, centring, shuttering, complete in all respects and execution of work at all heights and location with required leads and lifts complete as directed by Engineer in charge.				
	B.ii	PCC 1:3:6 using 20 mm and downgrade metal (Coarse Aggregate). - Levelling Course PCC Under Column Footing, Foundations etc.	160.00	CUM		
		REINFORCED CEMENT CONCRETE WORKS- BELOW PLINTH INCLUDING WATER TANKS				
11	SOR-4.6.	Providing and laying in position mechanically mixed Reinforced Cement Concrete (RCC) of 1:1:2 using 20 mm and downgrade metal at all levels upto plinth level for various RCC structural elements in any shape and design as per structural drawings and as directed including transporting (manually / mechanically), laying, compacting and finishing the surface in line, level and plumb as required including cost of curing etc. complete. The Rate to include necessary formwork, centring, shuttering, complete in all respects and execution of work at all heights and location with required lead and lifts complete as directed by Engineer in charge.				
	i	Column Footing, Raft Slab or any other type of RCC foundation.	210.00	CUM		
	ii	Columns from Footing Top to Plinth level (Stub Columns)	30.00	CUM		
	iii	Plinth Beams/Tie Beams	30.00	CUM		
	iv	RCC Floor slab at Plinth Level.	2	CUM		

12	SOR-5.9.vi.	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. Thermo-Mechanically Treated bars of grade Fe-500 D or more.	53262.00	KG		
		RCC FOR COLUMNS				
13	SOR-6.2	Providing and laying in position mechanically mixed Reinforced Cement Concrete (RCC) 1:1½:3 using 20 mm nominal size and downgrade metal of specified grade in Super Structure (Excluding reinforcement) at all levels and height for various RCC structural elements in any shape and design as per structural drawings and as directed including transporting (manually / mechanically), laying, compacting and finishing the surface in line, level and plumb as required and cost of curing etc. complete. The Rate to include cost of required formwork , centring, shuttering, complete in all respects and execution of work at all heights and location with required lead and lifts complete as directed by Engineer in charge.				
	i	Columns, Pillars, Piers, Abutments, Posts, Struts etc. (Above Plinth level and upto Floor Five Level)	200.00	CUM		
14	SOR-6.9.f	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level (Upto Floor Five level). Thermo-Mechanically Treated bars of grade Fe-500 D or more.	132320.00	KG		
		RMC FOR SLABS & BEAMS				
15	SOR-7.3	Providing and laying in position (M30) Ready mixed Reinforced Cement Concrete for various RCC structural elements in any shape and design as per structural drawings and as directed in Superstructure including Columns footings, Stub Columns, Raft, foundation, Plinth Bams, Floor Slabs etc. with cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer having continuous agitation, including pumping of R.M.C. from transit mixer to site of laying, spreading, compacting, finishing in line and level as per site requirements, including all lead, lift and cost of curing etc. complete. The Rate to include necessary formwork, centring, shuttering, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability complete in all respects and execution of work at all heights and location with required leads and lifts etc. as directed by Engineer-in-charge. (Rate Excluding cost of reinforcement). (Above Plinth level and upto Floor Five Level)				
		SLABS & BEAMS				
	iii.B.	Floor Slabs of various thickness including Sloping Roofs, Cantilever and Flat Slabs, Portico/Poarch slabs etc. (Above plinth level and upto floor five level). ABOVE 100 MM	920.00	CUM		

		BRICKWORK IN FOUNDATION				
16	SOR-8.1	Providing and constructing Brick masonry walls in Foundation and Plinth using approved quality (sample approved by the Bank) non modular fly ash bricks conforming to IS:12894, class designation 100 having, average compressive strength not less than 100 Kg/Sq cm in CM 1:5 for walls, shaft walls, parapets, drains, manholes, trenches etc. in proper line, levels and plumb including, striking out / raking out joints, curing, necessary scaffolding, etc complete for all heights and levels below plinth as per approved drawing and as per instructions of Architect / Engineer. (Above Plinth Level upto Floor Five level).	540.00	CUM		
		BRICKWORK IN SUPER STRUCTURE				
17	SOR-8.17	Providing and constructing Half-brick masonry partition walls in Superstructure in Cement Mortar (CM) 1:4 using locally available approved quality (sample approved by the Bank) non modular fly ash bricks conforming to IS:12894, class designation 100 having average compressive strength not less than 100 Kg/Sq cm. Rate includes providing RCC patli beam 100mm thick including providing with 4 nos. 8 mm dia TMT bars and 8 mm dia TMT links at 300 c/c in cement concrete of mix M 20 at mid-height (height between two patli not exceeding 1.20m), required formwork etc. in proper line, levels and plumb including raking out joints, curing, necessary scaffolding, etc. complete at any levels upto plinth level as per approved drawing and as per instructions of Architect / Engineer. Rate should be quoted considering execution of work above plinth level upto and inclusive Floor Five level).	4780.00	SQM		
		STONEMASONRY BELOW PLINTH				
17	SOR- 8.26	Providing and constructing Random rubble masonry in Foundation and Plinth using approved quality hammer dressed hard stone in C.M. 1:6 including providing headers at specified interval duly staggered in each course, providing corner stones, raking out joints, watering, curing, necessary scaffolding etc. complete. Rate should include levelling up with cement concrete 1:4:8 using graded stone aggregate 20 mm nominal size as required as per site conditions.	140.00	CUM		
		RANDOM RUBBLE SOLING FOR DRIVEWAY, PARKING & COMMUNITY HALL				
18	SOR-1.10	Providing and laying 230 mm thick dry rubble soling using locally available approved quality stones, hand laid, well rammed, watered and consolidated, including filling the gaps/interstices/voids using quarry spalls and/or hand broken metal or shingle and blinding the same with stone grit, murum, et, compaction with mechanical/ vibratory roller etc. complete as directed by the Engineer-in-charge. Note : Rates are including preparing the sub-grade to the required level and working to the required level, gradient, watering etc.	490.00	CUM		

19	PCC COURSE UNDER FLOORING FOR ALL FLOORS					
	SOR-4.1	Providing and laying in position machine mix PCC (plain cement concrete) under foundation, plinth protection, floor slabs, grade slabs, coping, sill concrete etc. including transporting, laying, compacting, finishing the surface in line, level and plumb as per requirement and curing etc. complete. The Rate to include necessary formwork, centring, shuttering, complete in all respects and execution of work at all heights and location with required leads and lifts complete as directed by Engineer in charge.				
	B.ii	PCC 1:3:6 using 20 mm and downgrade metal (Coarse Aggregate). - Under Floors, Coping, Sills etc.	520.00	CUM		
20	Vitrified Tile Flooring - COMMUNITY HALL & FLATS					
	SOR-9.1	Providing & laying in-position Vitrified tiles in floor and skirting of approved make and colour uniformly in line, level and in approved design, including laying avg. 20 to 25 mm thick bed of CM 1:6 (1 cement : 6 coarse sand) and filling the joints with epoxy based joint filling compound of matching shade, curing the joints etc complete. Rates to include providing & fixing 100 mm high skirting as per drawing flushed with finished surface of wall in line and level and 6 mm wide groove to be made in wall at the junction of skirting and finished surface of wall etc. complete matching to flooring as per direction of Engineer In-Charge. Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco				
	c	Top Layer Vitrified Tiles, Nano Polish Gloss / Matt finished:				
	i	Size of Tile 600 x 600 mm	1480.00	SQM		
	iii	Size of Tile 600 x 1200 mm	1230.00	SQM		
21	ANTI-SKID TILES FOR BATHROOM FLOORS					
	SOR-9.2	Anti Skid Digital Print Ceramic Tile Providing and laying in position Anti Skid Digital Print Ceramic Tile (9 mm min. thickness) flooring of approved colour, shapes and texture laid in required pattern in uniform line, level including laying avg. 20 to 25 mm thick bed of CM 1:6 (1 cement : 6 coarse sand) and neat white cement float, filling joints with neat cement slurry of appropriate colour, curing and cleaning complete. Tiles shall be free of any variation in colour or texture. in all aspects as specified and directed by the Engineer/Architect. Make: Kajaria, Somany, Simpolo, Johnson, RAK, Nitco				
	a	300 X 300 mm	790.00	SQM		

		GRANITE FLOORING - STAIRS, LOBBY, CORRIDORS				
22	SOR 9.9	Providing & laying in position 18mm +- 2mm thick machine cut pre-polished Granite stone flooring and skirting in approved colour, shade, design and patterns as per architectural drawings laid over 20mm (average) thick cement mortar 1:6 (1 cement : 6 coarse sand) bedding fixed and jointed with neat slurry and filling joints using white cement slurry admixed with pigment of matching shade or epoxy based joint filling compound of approved make including grinding, mirror polishing, curing, nosing, making grooves etc. complete as specified in the Architectural Drawings and as directed by the Engineer-in-Charge. (Basic Rate Rs. 1800/- per sq.m.)				
	i	In flooring using approved quality and shade Granite stone slabs not less than 1.00 sq.m. in plan area.	450.00	SQM		
	ii	in Staircase Landing, mid-landing using Granite stone slabs not more than in two pieces for each landing including machine moulded full round edges duly mirror finish/ polish complete. FINISH : FLAMED	80.00	SQM		
		KITCHEN COUNTER WORKS				
23	SOR-9.10	Providing & fixing in position Kitchen platform/Vanity Counters with minimum 600mm width made as under: Vertical supports: Made out of 18 mm thick white marble slabs sandwich supports (two slabs joined together using Araldite adhesive to full surface area) placed at specified spacing as per detailed drawing and suitable to house modular kitchen under the counter Trolleys. Rate includes providing vertical granite band to vertical supports with moulded/polished edges. Kitchen Counter Top : Finished with 18+/-2mm approved quality, Colour, shade and texture mirror polished Granite slab (minimum length of slab shall not be less than 1.80 Meter for Kitchen counter and one single piece for Vanity Counters for wash basin etc.) resting on 18mm thick white marble base support slab (in one piece) and fixed with CM 1:2 or approved tile adhesive as directed at site. Front Facia : 50 to 75mm wide Granite band in one piece not less than 1.80 RM in length for kitchen counter and required length in one piece for Vanity counters with full round moulded mirror polish edges complete as per Architectural working drawing. Making hole/sleeves for Gas pipe as per drawing. Rate should include chasing walls, floors to embed vertical supports and counter top using CM 1:2 including making cutout for kitchen sink, under the counter wash basin, core cutting for pillar cock, bottle trap etc. complete as per directions & instructions of the Architect. Basic rate of granite - Rs. 1,800.00 per Sqm				
	i	Kitchen / Pantry Platform	135.00	SQM		

		GRANITE THRESHOLD FOR FLAT ENTRANCES				
24	9.11	Providing & fixing in position 18mm thick ± 2 mm tolerance, machine cut, approved colour and shade pre-polished mirror finish granite stone threshold of desired length and width for the complete opening of the doors/windows and fixing the same using cement mortar 1:3 including full round /chamfered moulding on both the edges complete as per sample approved by the Bank. Rate includes cost of CM 1:4 backing plaster with waterproofing compound, chamfering of corners and execution of work all heights and locations including necessary scaffolding etc. complete.. (Basic Rate of Granite shall be Rs. 1,800/- per sqm)				
	i	125 mm to 150 mm width in required length.	40.00	R.MT		
		DADO TILES FOR BATHROOM FLOORS				
25	SOR-9.12	Providing and fixing in position premium quality joint free / paper cut edges digital print ceramic wall tiles in walls/dado conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make, colours and shades as per sample approved by Engineer-in-Charge fixed over 15mm thick rough finished backing plaster in CM 1:4 fixed with neat cement slurry including filling joints using white cement/epoxy based joint filling compound with matching pigment including acid cleaning of tiles complete in all respect and at all heights, levels and locations. Rate includes cost of CM 1:4 backing plaster with waterproofing compound, chamfering of tiles at corners and execution of work all heights and locations including necessary scaffolding etc. complete.. Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco				
	c	300 X 600	1250.00	SQM		
		VITRIFIED TILE DADO FOR KITCHEN				
26	SOR-9.13	Providing and laying in position approved quality and shade Nano polish/Glossy/matt finish joint free / paper cut edges Vitrified tiles in Dado, above Kitchen Platform etc. using approved colour and shade including Digital Print as per sample approved by the Engineer-in-Charge fixed over 15mm thick rough finished backing plaster in CM 1:4 fixed with approved quality tile adhesive of Bal Endura /Roff or equivalent approved make including filling joints using white cement/epoxy based joint filling compound with matching pigment including acid cleaning of tiles complete in all respect and at all heights, levels and locations. Rate includes cost of CM 1:4 backing plaster with waterproofing compound, chamfering of tiles at corners and execution of work all heights and locations including necessary scaffolding etc. complete. Make: Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco				
	c	Top layer Vitrified Wall Tiles of size 300 x 600 / 600mm x 600 mm	150.00	SQM		

		GRANITE CLADDING FOR COMMUNITY HALL & STAIRCASE DADO				
27	SOR-9.16	Providing & Fixing in position 18mm thick \pm 2mm tolerance, machine cut, Mirror finish Pre-polished Granite slabs in cladding laid in perfect line and level as per approved design and pattern on rough finished 1:4 cement mortar backing plaster of average thickness 20 mm. marble to be fixed to walls using approved tile adhesive of Roff/Bal Endura/Fevimate including all free edges should be pre chamfered before fixing and filling the joints with epoxy based joint filling compound of matching shade, curing, rubbing/grinding/polishing the joints etc. complete as directed by the Bank. Rate includes cost of CM 1:4 backing plaster with waterproofing compound, chamfering of tiles at corners and execution of work all heights and locations including necessary scaffolding etc. complete. (Basic Rate: Rs. 1,800/- per Sqm)	570.00	SQM		
		HEAT-RESISTANT-TILE -TERRACE FLOORING				
28	SOR-9.5	Providing and fixing in position Heat Resistant Terrace Tiles Flooring and skirting using tiles of size 300 mm x 300 mm x 10 mm with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid over avg 20 to 25 mm thick C.M. 1:6 (1 cement : 6 coarse sand) bedding and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including machine cutting, grinding and polishing to achieve smooth surface complete in all aspects as specified and directed by the Engineer/Architect. Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco (Basic rate Rs. 600/- per sqm)				
	i	in flooring	970.00	SQM		
	ii	in 150mm skirting	197.00	rmt		
		SHEET ROOFING FOR SHAFTS				
29	SOR-10.7	Providing & fixing in position 6 mm thick Poly Carbonate Sheet roofing including vertical/curved surface fixed with 8 mm diameter polymer coated J or L hooks, bolts and nuts with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including jointing of sheets as per manufacturer's specifications including making straight cutting in C.G.S. sheet to provide openings for Chimney Stacks, Skylight etc. including cost of 40x5mm MS Flat wind tie etc. complete.	33.57	SQM		
		WOODEN DOOR FRAMES				
30	SOR-11.1	Providing and fixing in position Door frames of any size (for example 100 mm x 75 mm / 125 mm x 65 mm) made out of 2nd Class approved quality Teak Wood, properly fixed to brick wall / R.C.C. columns etc. with 3mm thick 300mm long M.S. hold fast (each door frame to have minimum 6 nos. holdfast) including painting with enamel paint over a coat of wood primer, applying anti-termite / bitumen paint to the wooden surface in contact with walls / columns etc. complete as directed at site. Clear height / length / width of the frame shall be measured for payment .	10.00	CUM		

		GRANITE STONE FRAMES FOR BATHROOMS				
31	SOR-11.2	<p>Providing and fixing 18 to 20mm thk. Jet Black or any other approved shade machine cut, mirror polished, premoulded Granite stone to the Doors / Staircase Steps (Risers and Treads) / kitchen platform / vanity counters / window sills / facias and similar locations in required shape and size laid over 25mm thick cement mortar 1:5 base and fixed with neat cement slurry, filling joints with matching pigment epoxy base joint filler compound, including curing, moulding and mirror polishing to edges complete as directed at site. Note: The Granite to Staircase steps, window sills, vanity counters etc. to be provided in one piece and minimum 7'0" in length for Kitchen platform and similar locations. The rate to include cutting grooves to Staircase Treads, necessary holes for locks , tower bolt etc. Clear visible area shall be paid and no overlapping shall be payable. Basic rate Rs 1,800 / Sq m</p>	200.00	SQM		
		DOOR SHUTTER				
32	SOR - 11.6	<p>Providing and fixing 35mm thick factory made Solid Core Flush Door Shutters of approved make (ISI mark confirming to IS:2202) as per sample approved including providing 6mm thick TW lipping all around on edges. Both faces of the shutter duly laminated with 1mm thick approved quality and shade laminate. The rate includes necessary screw/fastners, hardware and the cost of polishing/painting of edges of shutter complete with following hardware fittings per shutter:</p> <ul style="list-style-type: none"> (i) 4 Nos. 125mm x 3mm SS Butt Hinges fixed with SS Screw. (ii) 2 Nos. SS Tower Bolt-200mm long fixed with SS Screw. (iv) 1 no, 90 mm SS Door Stopper fixed with SS Screw (iv) 8 mm thk. Clear glass Vision panel at required height and size as per Architectural drawing, fixed with approved quality moulded T.W. beading including polishing, enamel painting of beading complete as per sample approved. (v) 2 nos, 100 mm long SS handle (vi) 6-Lever Cylindrical Mortise Lock with computerised matching 3 set of keys of Doorset/Godrej as per sample approved by the Bank/Architect. <p>Laminate / Veneer: Century, Greenlam, Duro, Aerolam, Dolby Glass: Saint Gobain, Aasahi Float, Modi Guard Handles, Hinges and Other Hardware etc: Hettich, Haffle, Godrej , Dorset Door locks: Dorma, Dorset, Godrej.</p>	490.00	SQM		

		GLAZED DOOR FOR COMMUNITY HALL				
33	11.9	<p>Providing and fixing frameless fully glazed 12mm thk toughened float glass door fixed with necessary patch fittings including cutting, making holes, cut-outs in the glass of required shape and size to accommodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealant wherever required and SS cover over patch fittings. Rate shall include necessary etching film / Bank's logo , approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items.(DORMA or Approved Equivalent Make Top Pivot - PT 24, Top Patch Fittings - PT 20, Bottom Patch fittings - PT 10, Floor Spring - BTS 75 V, Corner lock with strike plate and Euro Profile Cylinder - US 10, Handle - TG 9300 EQ - S 25mm dia X 300mm length) Glass: Saint Gobain, Aasahi Float, Modi Guard Patch Fittings, Floor Springs and Top Hinges: Dorma, Godrej, Ozone Handles: Godrej, Hettich, Haffle, door set. Locks: Dorma, Dorset, Godrej</p>	5.00	SQM		
	J	DOORS AND WINDOWS: UPVC				
34	11.15	<p>Providing & fixing in position factory made uPVC white colour sliding window up to 1.50 M to 2.4M in heightdimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 15. to 2.52 mm thick depending upon the window galvanised mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimensions of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gaskets, wool pile, touch locks withhooks, with single nylon rollers (weight bearing capacity to be 80/ 150 Kg), SS fasteners 100 x 8 mm size for fixing frame to finished wall and 5 degree gradient slope in track (drainage track) comes with threshold, low threshold without threshold option & necessary stainless steel screws etc 8 mm thick toughened glass panes (ST 136), fixed in shutters, flush handle, C handle, D handle with locking arrangements as per manufacturers specifications etc. complete Make: Fenesta, Reheau, Veka or approved equivalent.</p>				
	b	Slider (3 track & 3 panels)	850.00	SQM		
	e	2 Side Hung Panels	50.00	SQM		
	g	Top hung with exhaust	90.00	SQM		

		MS FABRICATION WORK				
36	SOR-12.1	<p>Providing, Fabricating & fixing in-position MS Agnle Doors/window frames, MS Grilles to Windows/openings, Balcony/Parapet Railings, MS Gratings, Frames, Guard bars, Ladder, Brackets, Compound Gates, Compound wall Railings/Grilles and other similar MS Fabrication works at all heights and locations with necessary lifts & lead, loading/unloading etc. complete as per approved design made out of MS flats, Square bars, Round Bars, Angles, Tees etc and anchoring the same to walls, Floor, RCC slab etc.using Nut, bolts, holdfasts, Anchor Fasteners etc. as required including two coats of enamel paint over a coat of Zinc Oxide primer complete. Rates to include necessary hardware, cutting / chasing floor, wall carefully and repairing the same to its original position, scaffolding, pulleys, painting of repaired surface complete as direcetd at site by the Engineer-in-Charge.</p>	7660.00	KG		
		CEILING PLASTER				
37	SOR-13.1	<p>Providing applying in position 10/12mm (average) thick single coat cement plaster to Ceiling, Soffit of Chhajja, Cantilever Balconies or any other RCC projection/surface in approved pattern and design in cement mortar 1:4 in proper line and level using approved quality silt free natural sand (Fine or Coarse as directed) at all heights and locations including necessary scaffolding, curing etc. complete as directed by the Engineer-in-charge. Rate includes making Flush/raised/sunk or moulded bands of any width, recesses, making grooves etc. complete as per Architectural drawings and no extra payment shall be considered for the same.</p>	4510.00	SQM		
		INTERNAL WALL PLASTER				
38	SOR-13.2	<p>Providing and applying in position average 12/15mm thick smooth finish cement Plaster in cement mortar 1:5 to all inetrnal walls, using fine or Coarse sand and adding polypropylene fibre of approved quality in desired quantity per bag of cement as per manufacturers specifications complete. Rate includes providing chicken mesh to all joints of RCC members with Brick walls in all positions in proper line, level & plumb at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces ,curing etc complete as directed at site. Rate includes making Flush/raised/sunk or moulded bands of any width, recesses, making grooves etc. complete as per Architectural drawings and no extra payment shall be considered for the same.</p>	9350.00	SQM		
		EXTERNAL PLASTER				
39	SOR-13.5	<p>Providing and laying in position external Sand Face Cement Plaster, average 20 mm thk, in two coats, at all heights with first coat of av. 12 mm thk in Cement Mortar 1:5 using natural silt free fine sand, and second coat of average 6 mm thickness in C.M. 1:4, including necessary stagging, scaffolding, curing, roughening the first coat to recieve second coat of plaster etc, providing approved water proofing compound @1 kg per bag of cement or as specified by the manufacturer and adding polyproplyne fibre of approved make as per manufacturers specifications to prevent shrinkage cracks, complete as directed by the Engineer-in-charge.</p>	3640.00	SQM		

40	SOR-13.8	Extra for providing and mixing water proofing material in cement plaster work in proportion @1 Kg per Bag of Cement or as recommended by the manufacturers.	3640.00	SQM.		
		PARKING TILES (PARKING)				
41	SOR- 14.21	High Abrasion Resistance Vitrified Tile Flooring Providing and laying High Abrasion Resistance, matt finish, full body Vitrified tiles of size 600x600 mm, 9/10 mm thickness (Thickness may vary as per manufacturer's specifications) of approved quality in all colours, shades, texture and pattern in outdoor areas/floors/open terraces, drive way, footpath, court yard, multi modals location etc. laid over average 25mm thick base in cement mortar 1:4 (1cement : 4 coarse sand) in approved design and patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-inCharge. Make: Pavit / Simpolo / Kajaria / Nitco / Somany or equivalent approved by the bank.	710.00	SQM		
		PAVER BLOCK				
42	SOR.14.23.b	Providing and laying approved quality chamfered edge factory made, rubber moulded, M-30 grade cement concrete interlocking paver block manufactured through block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern including laying 50mm thick compacted bed of coarse sand, filling the joints with fine sand, finishing and sweeping extra sand etc. in footpath, compound area, driveway etc. complete as per the direction of Engineer-in- Charge. The rates to include of cutting of paver block as per required size and pattern. Make: Alcock, Vyara, Pavit Kaptim or equivalent approved by the Bank.	648.00	SQM		
		KERB STONE				
43	SOR- 14.26	Providing and laying approved quality, factory made M-25 grade cement concrete Kerb Stone of size 450 X 300 X 150mm fixed in proper line, level and curvature, jointed with cement mortar 1:2 (1 cement : 2 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage openings, wherever required, including painting with 2 coats of exterior grade weather proof paint in desired shade complete etc. as per direction of Engineer-in-charge. (Precast C.C. kerb stone shall be approved by Engineer-in-charge). Note : Length of finished kerb edging shall be measured for payment. Make : Kaptim, Alcock, Vyara, Pavit or equivalent approved by the bank.	473.00	R.MT		
		POP PUNNING				
44	SOR-16.1	Providing and applying average 6 to 9 mm thick POP Punning on internal walls in line and levels, to make the surface smooth suitable for application of paint, including necessary scaffolding etc. complete as per the instructions of Engineer-in-charge	9350.00	SQM.		
		PUTTY FOR CEILINGS				
45	SOR-16.2	Providing and applying 2 or more coats of Birla putty on internal walls of average thickness of 3 to 4 mm in line & level including its rubbing with sand paper to ensure smooth & even surface including necessary scaffolding etc. complete.	4510.00	SQM.		

		INTERNAL PAINT				
46	SOR-16.3	Acrylic Emulsion Paint on new surface Providing and applying 2 or more coats of approved Acrylic Emulsion paint with roller finish over a coat of primer on internal walls including necessary scaffolding etc. complete as per manufacturers' specifications. Make:- Asian / Nerolac / Berger / Dulex	9350.00	SQM.		
		Make:- Asian / Nerolac / Berger / Dulex				
		EXTERIOR PAINT WORK				
50	SOR-16.8	External Painting With Higher Graded Elastomeric Paint on new surface Providing and applying Elastomeric Paint to external walls on new surface as under: a) Providing applying 2 or more coats of External grade Birla putty on external walls in line & level including its rubbing with sand paper to ensure smooth & even surface b) Providing and applying one coat of water based Acrylic anti fungal Primer of approved quality and make as per sample approved. c) Providing and applying one coat of fibre reinforced membrane paint water proofing Coat of "Protek Basecoat" of Asian / "Weather coat long life Roof Guard" of Berger / "Aqua Touch" of ICI or equivalent approved by the SBI having crack bridging ability up to 2.00 mm, superior anticarbonation & water proofing property. d) Providing and applying 2 or more coats of approved quality External Acrylic Emulsion paint, Exterior grade having anti fungal property, resistance to dust & dirt accumulation, resistance to fading of colours etc. of approved colour and shade Apex Ultima (Asian) / Weather coat All Guard (Berger) / Weather Shield Max (ICI) or equivalent approved by the SBI. Note: Rates to include cleaning afterwards, necessary scaffolding / Cradle, debris safety netting, labour etc complete. Make: Asian Paints Ultima Protek / Berger Weather coat Long Life or approved equivalent.	5460.00	SQM.		

		TEXTURE PAINT				
51	SOR-16.10	<p>Providing and applying Texture Paint to all old and new surface comprising of:</p> <p>(a) Preparation of surface including scrapping wherever required to remove all loosely adhered particles followed by washing with water using wire brush to ensure thorough cleaning.</p> <p>(b) Providing and applying one coat (water proofing Coat) of fibre reinforced membrane paint, having crack bridging ability up to 2.00 mm, superior ant carbonation & water proofing property with life of 5 years.</p> <p>(c) Providing & applying 1.5-2.0 mm thick Synthetic Texture by mixing the product with clean water thoroughly with an electrical mixer for 3-5 minutes until the desired homogeneous paste is achieved so as to ensure that the mixture is free from lumps before use.</p> <p>(d) Applying minimum thickness of 1.5-2.0 mm of homogeneous paste those prepared on the plastered surface with a steel trowel so as to have the desired texture finish and design. If necessary, a second layer may be applied.</p> <p>(e) The entire work should be carried out strictly in accordance with the manufacturers' specifications including necessary sacffolding etc. and execution of work at all heights and locations complete as per the Direction of Engineer / In-Charge. Sqm 800 Make: Asian, Nerolac, Berger, Dulux</p>	1220.00	SQM.		
		MELAMINE POLISH FOR WOODEN DOOR FRAMES				
52	SOR-16.12	<p>Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below:</p> <ol style="list-style-type: none"> 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 nos. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.) 	370.00	SQM.		

		WATER PROOFING - BRICK BAT COBA				
53	SOR-17.1	<p>Providing and laying in-position integral cement based water proofing treatment average 120mm thick including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:</p> <p>a) Applying neat cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by the Bank over RCC slab including adjoining walls up to 300 mm height including cleaning the RCC surface neatly, removing mortar lumps, mortar splashings etc., if any, complete before treatment.</p> <p>b) Providing and laying maximum 20 mm thick cement mortar 1:4 (1cement : 4 coarse sand) admixed with water proofing compound (conforming to IS : 2645) at the rate of 1 kg/bag of cement or as per manufacturers' specifications, including laying in required position in flooring including curing the surface and testing the same for 7 days for water tightness.</p> <p>c) Laying brick bats in cement mortar using broken bricks/brick bats of 25 mm to 115 mm size with 50% of cement mortar 1:4 admixed with approved water proofing compound conforming to IS : 2645 followed by 20 mm thick layer of cement mortar 1:4 admixed with water proofing compound to required slope and treating adjoining walls up to 300 mm height and including rounding at junctions of walls and slabs by following same process.</p> <p>d) After curing the surface by ponding for 5-7 days, applying a second coat of cement slurry using 2.75</p>	970.00	SQM		
		WATER-PROOFING FOR TOILETS & BALCONY				
54	SOR-17.5	<p>Providing and laying water proofing PREAMBLE treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:</p> <p>(i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface.</p> <p>(ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.</p> <p>(iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area.</p> <p>(iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).</p>	1260.00	SQM		
		FILLING BALCONY SUNKEN PORTIONS				
55	SOR-17.6	<p>Providing and filling the cavity of sunken portion of toilets (after application of principal waterproofing treatment to surface of sunk RCC slab) with brick bats broken AAC blocks of 25 mm to 115 mm in size with 50% of cement mortar 1:4 admixed with approved water proofing compound conforming to IS : 2645 complet as directed by the Engineer-in-charge.</p>	40.00	CUM		

		Sealing Around Pipe/Sleeves ETC.				
56	SOR-17.9	Providing and laying non shrink, free flow, high strength cementitious grout material, of approved quality, to seal the annular gap around pipe periphery and core cut in the slab including providing and applying two way adhesive tape to be stuck around the pipe periphery within the cutouts section of the slab and prior to laying the grout manufacturers' specifications, followed by providing and applying liquid applied flashing around the pipe periphery joints.	120.00	NOS.		
		FOR TERRACE AND ELEVATION TREATMENT & HIDING OF PLUMBING PIPES				
57	SEC-II, SOR-4.19	Supplying and fixing aluminium composite cladding with skin material 0.5 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all labour, scaffolding charges etc., complete for finished item of work. ACP Cladding - 4 mm thick.	155.00	SQ.M.		
		NON-SOR ITEMS				
		FIN - LOUVERS - ACP				
60	NS-1	Providing and fixing ACP Ventilated Louver Fins of Fin Size : 2440mm(L) x35mm(W)x 70mm(H) complete with framework required for structural formwork and application of Louvers complete as per drawing and instructions of Engineer-in-charge. Approved Makes - Reynoarch, Eurobond, Viva / ACP makes approved by the Bank. The ACP shall be of exterior grade with Mode of Measurement shall be front elevation of the work i.e. Length X Height. The rates are inclusive of FormWork & Scaffolding etc. complete work. The framework of Mullion shall be Powder Coated Aluminium RT Section of size 50mm x 25mm to match with the Finish and Shade of the Louvers/ Fins.	370.00	SQM.		
		TERRACOTTA JALI - ELEVATION TREATMENT				
61	NS-2	Providing and fixing of Terracotta clay jali (8"x8"x2") of approved design with Hoisting and fixing up to floor five level Terracotta Jali reinforced with 1.6 mm dia Mild steel wire including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1 : 3 (1 cement : 3 fine sand) etc complete as per approved design excluding lastering of jambs, sills and soffits	390.00	SQM		
		ELEVATION TREATMENT				
62	NS-3	Providing and fixing Exterior Grade High pressure quality laminate 6 mm thick of size 2440 x 1220mm including scaffolding and aluminium framing upto 6 m up to fifth floor including all staggging and scaffolding. The frame work shall be of Aluminium RT Section of size 50mm x 25mm thickness 6mm.	154.00	SQM		

		RAILINGS FOR BALCONIES				
63	NS-4	Stainless Steel Glass Railing :Supplying, Fabricating, erecting and installing in position Round section Stainless Steel (304 Grade) Fabricated work for SS Handrail in staircase etc. as per design,vertical post at every 3rd step 20 mm dia with 12mm toughened glass. SS pipe and one top rail 50 mm dia. comprising of stainless steel accessories including cutting, drilling, welding, grinding and other operation as required, fixing accessories, providing pockets in RCC/ Brick work and grouting with ironite mix including necessary stainless steel shoes/ caps etc. complete. Height of Measurement shall be .9mtr. x (running length)	350.00	R.MT.		
		RAILINGS FOR STAIRS & LOBBY				
64	NS-5	Providing & Fixing of stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). Height of Measurement shall be	120.00	R.MT.		
65	21.1	CPVC Pipeline				
		Providing, Laying cutting, jointing, fixing and Testing of SDR-11 Chlorinated Polyvinyl Chloride (CPVC) Pipes conforming to IS:15778, UV resistant, having thermal stability for hot & cold water supply, including all types of CPVC plain & brass treaded specials and fittings as per the requirement, jointing of pipes and fittings with one step CPVC solvent cement and by Teflon tape on threaded end etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in Charge. Make of all fitting shall be similar to pipe mak				
		Rates including concealed work / surface mounted, chases cutting and fixing pipe with GI / CPVC clamps at 1.00 mtr. minimum spacing and making good the walls etc.				
	a	15 mm dia. Pipe	140	Rmt		
	b	20 mm dia. Pipe	1250	Rmt		
	c	25 mm dia. Pipe	185	Rmt		
	d	32 mm dia. Pipe	20	Rmt		

66	21.5	Health Faucet				
		Providing and fixing CP ABS Health Faucet with regulator including accessories like CP ABS Wall Hook, and 1.00 mtr. (min.) long flexible SS braided hose pipe (with Nipple, Nut, O-Ring) with gasket, installation kit, all other fittings and fixtures as per the manufacturer's specification etc. complete as per the directions of the Engineer-in-Charge.	76	Nos.		
		Model : Hindware - F160068CP / Jaquar - ALD-CHR 573 / Cera - F8030109AB or equivalent approved by SB				
67	21.6	Bib Cock				
		Providing and fixing 15 mm C.P. Brass Bib Cock of approved quality with aerator, wall flange etc. complete as per the directions of the Engineer-In-Charge.	225	Nos.		
		Model : Hindware - F400002CP / Jaquar - OPP-CHR 15037PM / Cera - Chelsea F1016151 or equivalent approved by SBI				
		Model : Hindware - F400002CP / Jaquar - OPP-CHR 15037PM / Cera - Chelsea F1016151 or equivalent approved by SBI				
68	21.7	2-Way Bib Cock				
		Providing and fixing 15 mm C.P. Brass 2-way Bib Cock of approved quality with aerator, wall flange etc. complete as per the directions of the Engineer-In-Charge.	76	Nos.		
		Model : Hindware - F400003CP / Jaquar - OPP-CHR 15041PM / Cera - Chelsea F1016163 or equivalent approved by SBI				
69	21.11	Wall Mixer				
		Providing & fixing 15 mm C.P. Brass Wall Mixer System of approved quality with 115mm long bend pipe on upper side of the mixer for overhead shower connection, aerator, wall flange, installation kit, fittings and fixtures as per the manufacturer's specification etc. complete as per the directions of Engineer-in-charge.	73	Nos.		
		Model : Hindware - F390020CP / Jaquar - FUS-CHR 29273UPR / Cera - Victor - F1015401 or equivalent approved by SBI				

70	21.13	Kitchen Sink Mixer			
		Providing and fixing wall mounted 15 mm C.P. Brass Sink Cock of approved quality with long swivel spout, aerator, wall flange etc. complete as per the directions of the Engineer-In-Charge.			
		Swan Neck Sink Mixer : Hindware - F280020CP / Jaquar - FLR-CHR-5309N / Cera - Ripple F1017501 or equivalent approved by SBI	24	Nos.	
71	22.1	CPVC Pipeline			
		Providing, Laying, cutting, jointing, fixing and Testing of SDR-11 Chlorinated Polyvinyl Chloride (CPVC) Pipes conforming to IS:15778, UV resistant, having thermal stability for hot & cold water supply, including all types of CPVC plain & brass treaded specials and fittings as per the requirement, jointing of pipes and fittings with one step CPVC solvent cement and by Teflon tape on threaded end etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Make of all fittings shall be similar to pipe make including testing of pipes.			
		Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations with necessary scaffolding, staging etc. complete.			
	a	25 mm dia. Pipe	100	Rmt	
	b	32 mm dia. Pipe	100	Rmt	
	c	40 mm dia. Pipe	50	Rmt	
	d	50 mm dia. Pipe	120	Rmt	

72	23	INTERNAL SANITARY FITTINGS				
73	23.2	COUNTER TOP WASH BASIN				
		Providing and fixing white glazed vitreous Counter Top Wash Basin of size 40 x 40 cm (minimum) with all accessories like C.P. brass pop-up waste coupling, PVC waste pipe and PVC connection pipe and necessary fittings and hardware etc. as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in Charge.				
	a	Basin Size 40 X 40 cm (minimum) : Hindware - Dove 10092 / Jaquar - JDR - JDS-WHT-25911 / Cera - Cancha - S2020140 or equivalent approved by SBI	100	Nos		
75	23.6	WALL HUNG EUROPEAN WC				
		Providing and fixing white vitreous Wall Mounted Type European Water Closet of size 51 X 37 X 34 cm (minimum) with solid plastic seat along with lid, including all fitting like C.I. chair brackets with GI rag bolts, Pan connector, hinges etc. all complete including cutting and making good the walls and floors wherever required as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	76	Each		
		Model : Hindware - Dove - 20080 / Jaquar - Continental - CNS-WHT-963SPP / Cera - County - S1041115 or equivalent approved by SBI				
76	23.8	URINALS WITH SENSOR				

		Providing and fixing white vitreous AC Supply based Infrared Sensor Operated Urinal of size 29 X 32 X 57 (minimum) with Sensor kit having 2 litre water per flush or equivalent with water inlet from back side, including fixing to wall with suitable C. I. brackets, GI rag bolts, C.P. brass waste coupling including cutting and making good the walls and floors wherever required as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in Charge	6	Nos.		
		Urinal Model: Hindware - Flow - 60021 / Jaquar - URS WHT-13255 with Sensor - SNR-STL-51083 / Cera - Calcia EFS - S4010101 or equivalent approved by SBI				
77	23.9	URINALS WITHOUT SENSOR				
		Providing and fixing white vitreous Flat Back Type Urinal of size 28 X 34 X 69 cm (minimum) including all fitting like suitable C.I. brackets with GI rag bolts, C.P. brass pressmatic auto closing angle flush cock with wall flange along with connecting pipe and C.P brass spreaders, C.P. brass waste coupling, brass unions and GI clamps etc. all complete including cutting and making good the walls and floors wherever required as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in Charge	6	Nos.		
		Urinal : Hindware - Rhine 96008 / Jaquar - URS-WHT 132530 / Cera - Carvan - S4020105 or equivalent approved by SBI Flush Valve : Hindware - F310003ACP / Jaquar - PRS 077 / Cera - S4020105 or equivalent approved by SBI Waste Coupling : Hindware / Jaquar / Cera or equivalent approved by SBI Spreader : Hindware / Jaquar / Cera or equivalent approved by SBI				
78	23.10	KITCHEN SS SINK				

		Providing and fixing Stainless Steel grade 304 Kitchen Sink confirming to IS: 13983 with C.I. painted brackets including 40mm dia. C.P. waste coupling, C.P. brass chain and rubber plug, choke-stop strainer, with necessary C.P. brass unions, PVC waste pipe etc. all complete including cutting and making good the walls wherever required etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in Charge.				
		Kitchen Sink with Drain Board of minimum size 1000 X 500 mm and bowl minimum size 465 X 410 X 215 mm.	24	Nos.		
		Sink (Glossy) : Nirali - Elegance Ultra - Large / Hindware - Platina 40X20X8 / Cera - Classic - B4512203 Prince or equivalent approved by SBI				
		Waste Coupling, Choke-Stop Strainer, Brass Chain : Nirali / Hindware / Cera or equivalent approved by SBI				
79	23.11	FLUSHING CISTERN AND VALVE				
	b	Concealed PVC Cistern				
		Providing and fixing Concealed P.V.C. Flushing Cistern with wall mounted frame, GI rag bolt, flush bend with gasket and installation kit, flush plate, all fittings and fixtures, cutting and making good the walls and floors wherever required etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in Charge.	76	Each		

		Flush Tank : Hindware - Concealo (80mm) & frame - 511726 / Jaquar - JCS-WHT-2400WS (including frame) / Cera - Siamp - B1110108 & B1130106 or equivalent approved by SBI Flush Plate : Hindware - Cute / Jaquar - Alive - JCP-CHR 852415 / Cera - Lemon - B1120118 or equivalent approved by SBI				
80	23.12	BOTTLE TRAP				
		Supply and fixing 32 mm heavy quality C.P. Brass Bottle Trap with cleaning eye, extension piece and wall flange including all necessary fittings etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	76	Nos.		
		Model : Hindware - F850004 / Jaquar - ALD-769L300x190 / Cera - F8060401or equivalent approved by SBI Nos. 2000 Model : Hindware - F850004 / Jaquar - ALD-769L300x190 / Cera - F8060401or equivalent approved by SBI				
81	23.13	P.V.C. FLEXIBLE WASTE PIPE				
		Providing & fixing P.V.C. Flexible Waste Pipe up to 1mtr. Length for sink or wash basin including P.V.C. waste fittings complete as per the directions of Engineer-in charge.	125	Nos.		
	b	40 mm dia.				
82	23.15	Towel Rail				
		Providing and fixing 450 mm long C.P. Brass Towel Rail of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	72	Nos.		

		Model : Hindware - F880005CP / Jaquar - ACN-CHR 1111SM / Cera - Hera - F5007				
83	23.16	Towel Holder Ring				
		Providing and fixing C.P. Brass Towel Holder Ring of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.				
		Model : Hindware - F880007CP / Jaquar - ACN-CHR 1121BN / Cera - Hera - F500710				
		450 mm long	101	Nos.		
84	23.17	Double Coat Hook				
		Providing and fixing in position C.P. Brass Double Coat Hook of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	101	Nos.		
		Model : Hindware - F880004CP / Jaquar - ACN-CHR 1161N / Cera - Montana F5002108				
85	23.18	Soap Dish Holder				
		Providing and fixing C.P. Brass Soap Dish Holder of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	101	Nos.		
		Model : Hindware - F880011CP / Jaquar - ACN-CHR 1131N / Cera - Hera - F50071				
86	23.25	Mirror				

		Providing and fixing in position Bevelled Edge Mirror made up of approved quality 5 mm thick approved quality toughed glass fixed on 6 mm thick MR ply / Asbestos sheet fixed to wooden cleats with 25 mm dia. S.S. stud fitting in all corners complete in all respects with fittings and hardware as directed by Engineer-in-charge	90	Sqm		
		Internal Drainage System				
87	23.30	uPVC Pipes With Fitting and Specials				
		Providing, fixing, testing and commissioning in position SWR uPVC Pipe Class - III (6Kg/sq.cm), conforming to IS : 4985-2000, including all specials and fittings such as bends, junctions, inspection doors, offsets, vent cowl, access pieces/plugs all jointing with uPVC adhesive and checking it to be water tight including chase cutting, drilling holes and fixing pipes to wall, floor, slab firmly with necessary GI supports, clamp, hangers, nuts, bolts, washers and making good the same etc. complete as directed by the Engineer-in-charge.				
		Inside Toilet Area / Terrace & Balcony Drain / Vertical Down Take				
	a	110 mm dia.	480	Rmt		
	b	75 mm dia.	1729	Rmt		
88	24	EXTERNAL SANITARY				
	24.1	External Drainage System				

		Providing, fixing, testing and commissioning in position SWR PVC Pipe Type - B (6Kg/sq.cm) self fit-pipe conforming to IS:13592 including all specials and fittings such as bends, junctions, inspection doors, offsets, vent cowl, access pieces / plugs, all jointing with PVC adhesive and checking it to be water tight including chase cutting, drilling holes and fixing pipes to wall, floor, slab firmly with necessary G.I. supports, clamp, hangers, nuts, bolts, washers and making good the same etc. complete as directed by the Engineer-in-charge.				
		Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations				
	c	150 mm dia.	200	Rmt		
89	24.6	Gully Trap				
		Providing and fixing Square Mouth PVC gully trap of grade 'A' complete with C.I. grating embedded in brick masonry chamber with first class bricks in CM 1:5 and trap to be set in cement concrete 1:2:4, both side 12mm thick plastering with floating coat of neat cement, making necessary connections and providing water tight double seal FRP Heavy duty cover with frame of 300 x 300 mm internal size.				
		The rate also includes necessary excavation (mechanically / manually) to the required depth, dewatering, backfilling earth in exposed side, watering, ramming and removing the surplus excavated material and making good the same etc. complete as directed by Engineer-in-charge.				
		450 x 450 mm chamber with 230 x 160 mm size 'P' trap.	15	Nos.		

90	24.7	Inspection Chamber / Manhole				
		Designing and constructing Inspection Chamber of varying depth and sizes, details as under:				
	a.	P.C.C. bed in cement concrete 1:3:6.				
	b.	R.C.C. for Foundation Slab of average 100 mm thick in cement concrete cement concrete 1:1½:3 mix with bottom reinforcement 8ø @ 200 c/c both way, alternate bent-up.				
	c.	Brick Masonry 230 mm thick with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in CM 1:4.				
	d.	RCC Top Slab 150 mm thick in cement concrete 1:1½:3 mix and top & bottom reinforcement 8ø @ 150 c/c both way including embedding with frame for manhole.				
	e.	Plastering inside and outside of average 12 mm thickness with cement mortar 1:3 with a floating coat of neat cement on inside face including proper water proofing to ensure no ground water seepage in the manhole.				
	f.	Providing & fixing PVC coated M.S. foot rests of 20mm ø at 300 mm spacing, benching and making channels with 1:2:4 cement concrete neatly finished.				
	g.	The rate also includes excavation (mechanically / manually) in all kind of soil up to required depth, dewatering, necessary centring & shuttering, curing, backfilling earth in exposed side, watering ramming and removing the surplus excavated material and making good the same complete as required.				
		Note :- Construction as per design and drawings approved by the Bank.				

	a	Chamber size 450 X 900 mm (inside)			
	ii	Up to 600 mm depth	10.00	Nos.	
	b	Chamber size 600 X 900 mm (inside)			
	ii	Up to 600 mm depth	15.00	Nos.	
	iii	Up to 900 mm depth	10.00	Nos.	
91	24.8	FRP Manhole Cover with Frame			
		Providing and Fixing FRP Manhole Cover with Frame tested as per BS EN 124:1994 and AASHTO H-20 and H 25.			
	a	Heavy duty of size 450 x 900 mm internal size with load bearing capacity up to 2.5 tones	35	Nos.	
		NON SOR ITEMS			
92	NON SOR ITEM	Wall mixer 3 in 1 system with provision of tetephonic bath shower with bend pipe.Make-CERA,Model - F-1003403	73	Each	
93	NON SOR ITEM	C.P. Brass angle valve 15 mm..Make-CERA,Model - F-1019361	400	Each	
94	NON SOR ITEM	P.T.M.T. extension nipple 25mm.Make-CERA	293	Each	
95	NON SOR ITEM	Dome Waste coupling 32 mm.Make-CERA	125	Each	
96	NON SOR ITEM	15 mm nominal bore and 45 cm length PVC connection pipe with P.T.M.T. Nuts Make - Wintex	456	Each	
97	NON SOR ITEM	Providing Laying & jointing glazed S.W. pipes grade `A` (IS;651 marked) of approved make with spun yarn & stiff mixture of cement mortar 1:1, excavation & refilling of earth in all types of soil upto 1.2m depth, S.W. fittings, including testing of joints etc, complete.			
	i	200mm dia	75.00	Mtr.	
	ii	250mm dia	20.00	Mtr.	
98	NON SOR ITEM	P. & F Squatting Pan (Indian type) white glazed vitreous china 1st quality W.C. Pan (IS : 2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor (excluding the pair of foot rest.)			
	i	Size 450mm	2	Each	

99		Rain Water Harvesting Structure				
	4.3	Construction of tube-well from ground levels and upto 100 Meter, depth and above to accommodate housing and assembly pipe of, following sizes in all types of alluvium strata by percussion/ rotary, drilling method and with gravel as per IS:4097-1967 and packing as per IS:2800 (Part I -& II) 1979 as amended upto date (the work, includes the cost of gravel & its primary packing and packing during, development, lowering of housing & strainer assembly pipes, with, supply and wrapping of coir-rope, wherever necessary, for arresting, fine sand particles. The work will not include cost of housing pipe, and strainer pipe assembly and development work, but work would, be completed after obtaining sand free water).				
	4.3.1	200 mm Nominal bore.	120	R Mtr		
100	NON SOR ITEM	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. Make - Local Available	3	Cum		
101	NON SOR ITEM	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge Make - Local Available	3	Cum		
102	NON SOR ITEM	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -incharge. Make - Local Available	3	Cum		
103	NON SOR ITEM	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge	1.5	Cum		
104	NON SOR ITEM	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. (Make - Appolo , Supereme , Finolex 160 mm nominal size dia	50	metre		
105	NON SOR ITEM	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				

		All kinds of soil	75	Cum		
106	NON SOR ITEM	Centering and shuttering including strutting, propping etc. and removal of form work for :				
107	NON SOR ITEM	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc	160	sqm		
		Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
108	NON SOR ITEM	Thermo-Mechanically Treated bars of grade Fe-500D or more.Make (Tata ,Rathi)	1300	Kg		
109	NON SOR ITEM	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. Below plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
		1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	20	cum		
110	NON SOR ITEM	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality				
		M D - 10				
		19.19.2.1 Square shape 450 mm internal dimension (Local Available)	3	Each		
111	NON SOR ITEM	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :				
		Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :				
		With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1	Each		

112	NON SOR ITEM	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design : With 20x20 mm square bar	8	each		
113	NON SOR ITEM	Lifting and shifting of wastege material from site	1	Lumsum		
		PUMPS & WATER TREATMENT EQUIPMENTS:				
114	NON SOR ITEM	Supplying, installing, testing and commissioning of centrifugal monoblock water transfer pumps to overhead water storage tanks (suitable for positive suction) consisting of the following:				
		Providing, installation, testing and commissioning of FILTER FEED PUMP . The pump shall have cast iron casing, Bronze impeller, stainless steel shaft with mechanical seal, directly coupled with totally enclosed fan cooled induction motor, 2900 rpm mounted on a M.S. channel base frame including pressure gauge on delivery line with gunmetal isolation cock, suitable vibration elimination pads of approved quality and design, nuts, botls. Each pump shall be suitable for 415 ± 10% volts 3 phase 50 Hz A.C. Electric supply and shall be of the capacity as under:				
		Flow Rate = 3.0 LPS				
		Head = 30 Mtrs. (1W+1S)	1	Set		
115	NON SOR ITEM	Providing, installation, testing and commissioning of treated water make-up transfer pump to overhead treated water storage tank at roof for treated use. The pump shall have cast iron casing, Bronze impeller, stainless steel shaft with mechanical seal, directly coupled with totally enclosed fan cooled induction motor, 2900 rpm mounted on a M.S. channel base frame including pressure gauge on delivery line with gunmetal isolation cock, suitable vibration elimination pads of approved quality and design, nuts, botls. Each pump shall be suitable for 415 ± 10% volts 3 phase 50 Hz A.C. Electric supply and shall be of the capacity as under:				
		Flow Rate = 3.00 LPS				
		Head = 25 Mtrs. (1W+1S)	1	Set		
		SUBMERSIBLE PUMPS:				
116	NON SOR ITEM	Supplying, installing, testing and commissioning of centrifugal submersible sump pumps, suitable for 415 ± 10% Volts, 3 phase/230 ±10% volts 50 Hz A.C. power supply. Each pump shall suitable for automatic/manual operation complete with control panel as per specification.				
		(Sump Pump)				
		(1 W only)				
		Flow rate = 1.5 LPS				
		Head = 15 Mtrs.				
		Solid Handling = 20mm	1	Set		

		WATER TREATMENT EQUIPMENTS :				
117	NON SOR ITEM	Providing, fixing, testing and commissioning of vertical self supporting dual media filter fabricated from MS sheet as per IS : 2825, pressure gauges at inlet & outlet, sample cock, air vent valve with piping, GI class 'C' face piping distribution pipe with diffuser on top, CI butterfly valves Multiport valve and all accessories, with initial charge of filter media for dual media filter, painting inside with food grade epoxy paint and outside with two coat of red oxide primer and two or more coat of synthetic enamel paint complete.				
		Dual Media Filter for Domestic Water Supply :				
		Filtration rate - 10000 LPH (10.0m ³ /hr)				
		Filter dia (approx.) - 750 mm				
		Working pressure - 3.0 Kg/Sq.cm				
		Test pressure - 5.5 Kg/Sq.cm				
		Supply,Installation, testing & commissioning	1	Set		
118	NON SOR ITEM	Providing, fixing, testing & commissioning of metering pump type chemical doser with 100 lits.HDPE/ FRP solution tank, injection fitting assembly, suction and delivery hose upto the point of injection, capacity 0-6 lph, complete in all respects for treated water tank.				
		Chlorination of Domestic Water :				
		Supply,Installation, testing & commissioning	1	Set		
119	NON SOR ITEM	Providing , fixing, testing and commissioning of water softener fabricated from MS plate as per IS : 2825 (shell & thick dished ends) complete with initial charge of resins, GI class 'C' face piping, CI butterfly valves, pressure gauge, hydraulic brine injector, accessories, painting inside with epoxy paint and outside with two coat of red oxide primer and two or more coat of synthetic enamel paint, including suitable PVC/HDPE brine tank of 2 regeneration capacity complete with resins of approved quality and make.				
		Hardness				
		Inlet - 400 PPM (Approx.)(assumption)				
		Outlet - Commercial zero (<5 PPM)				
		Capacity - 10000 LPH (10.0 m ³ /hour)				
		Operating pressure - 3.0 kg/Sq.cm				
		Test pressure - 5.5 Kg/Sq.cm				
		Suggested Resin Quantity - 600Kg				
		Suggested dia - 750 mm				
		Supply,Installation, testing & commissioning	1	Set		
120	NON SOR ITEM	Providing, fixing, testing and commissioning of Electronic Level indicator including sensor, Display Panel, cabling and all fitting and accessories (For Underground Water Tank).	2	Set		
TOTAL FOR CIVIL & PLUMBING WORKS						