

**Work:-Construction of G+1 storied building For Jatni Branch of SBI on Bank's Own Plot at Jatni.**

No	Description	Quantity	Unit	Rate	Amount
1	<b>EARTHWORK:</b> Earthwork in excavation in all types of soil (including laterite soil, rock etc) by mechanical or manually means including getting out and disposal of earth at site for re-use for filling in foundation and plinth level for all leads and lift.	1,130.00	Cum		
2	<b>Excavating trenches</b> of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, for Pipes, cables etc. up to 300 mm dia as per direction of EIC/Architect. (Any type of soile (Includng rock, laterite soils, etc )	80.00	Rm		
3	<b>SURFACE EXCAVATION:</b> Earthwork in surface excavation for leveling the ground and uprooting shrubs, trees etc complete including disposal of debris.	400.00	Sqm		
4	<b>Termite treatment:</b> Supplying and applying chemical emulsion of chlorpyriphos/lindane emulsifier concentrate of 20% under floors and foundation soils @ 1 liter per hole, 300mm centers including drilling 12mm holes and plugging with cement mortar as per site requirement. Plinth area of the building at the groud floor level will be measured for payment	600.00	Sqm		
5	<b>SOIL FILLING:</b> Filing the available excavated earth/murum in trenches, pits, sides of foundations in layers of 20cm depth and consolidating it by layers by ramming, watering etc complete.	375.00	Cum		
6	<b>SAND FILLING:</b> Supplying and filling plnth with good quality river sand under floors including watering, consolidating and dressing etc complete as per direction of Architect/ EIC	790.00	Cum		
7	<b>Moorm filling:</b> S&F well graded locally available good quality moorum. Consolidating and compaction with watering for better compactio etc complete as per direction of Architect/ EIC	295.00	cum		
8	<b>PCC1:4:8:</b> Providing and laying in position plain cement concrete of 1:4:8 ( 1 part of cement: 4 parts of coarse sand: 8 parts of 40mm and down aggregate) in foundation, plnth slab (under bed0 and other postions including centring and shuttering etc complete.	180.00	Cum		
9	<b>Plinth Protection:</b> P&L 50mm plain cement concrete 50mm thick of 1:2:4 ( 1 part of cement: 2 parts of coarse sand: 4 parts of 20mm and down aggregate) over 75mm thick bed of dry brick ballast of 40mm size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth including centring and shutterinfg complete.	68.00	sqm		
10	<b>PCC 1:2:4:</b> Providing and laying in position plain cement concrete of 1:2 :4 ( 1 part of cement: 2 parts of coarse sand: 4 parts of 20mm and down aggregate) in foundation, plnth slab (under bed) and other postions including centring and shuttering etc complete. For PCC in parking area, RMC shall be used. 8mm rebars spaced @300 c/c shal be placed in both ways the cost of which shall be paid separately as in item no:13 (Reinforcement).	200.00	Cum		
11	<b>RMC:</b> Ready Mix Concrete: Providing and laying in positions Ready Mixed M-25 grade concrete for reinforced cement concrete work, using fly ash and cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads anf lifts, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced concrete work including pumping of RMC from transit mixer to site of laying including <b>cost of centring, shuttering, finishing, curing</b> but excluding cost of reinforcement, including cost of admixtures in recommended proportion as per IS : 9103 to accelerate / retard setting of concrete, imporoves workability without impairing strength and durability as per direction of architect. Minimum cement OPC content is 330 kg per cum. Fly ash conforming to IS:3812 (part-1) only be used as part of replacement of OPC as per IS: 456 (20%). Total cement content (OPC+Fly ash) will be minimum <b>396</b> Kg per cum of concrete. Uniform blending with cement to be ensured in accordance with relevant clause of IS: 456-2000 in terms of RMC complete. (For all works from foundation to lift roof level). (cost of reinforcements shall be paid extra) : RMC supplier: M/s Ultratech/Duramix,Kalinga and RDC as approved by architect/ engineer). <b>Contractor should submit design mix report from approved labatory and get it approved from architect and a trial mix shall be done and it will be tested in the prsence of architect/EIC.</b>	660.00	Cum		

12	<b>RCC:</b> For small quantity work like lintels, chajjas, stair case steps etc : Providing and laying in positions reinforced cement concrete work in foundations, beams, columns, lintels, slabs, chajjas, stair cases cornices etc at any level <b>including centring and shuttering, finishing, curing</b> with mix proportion of 1:1:2 grade ( 1 part of cement: 1 part of coarse sand and 2 parts of coarse aggregate of 20mm and down) with transportation, mixing, placing vibrating curing etc complete (cost of reinforcements shall be paid extra) complete.	103.81	Cum		
13	<b>REINFORCEMENT:</b> Providing and fixing steel reinforcement for RCC work including straightening, cutting, bending placing in positions and binding with GI wires etc complete for all RCC works at any level TMT bar Fe 550D grade (make: TATA/Jindal/SAIL/Rungta: Chairs with 8 to 10mm mm bars at suitable spacings and concrete cover (Astra make or equivalent make as approved by architect/ EIC ) to reinforcement shall be provided.	1,06,016.00	Kg		
14	<b>BRICK WORK:</b> Providing and laying brick work with fly ash bricks of locally available good quality fly ash bricks in sub-structure and super structure (At any level) with cement mortar of 1:4 (cement: 4 parts of coarse sand) including curing, scaffolding etc complete.	520.00	Cum		
15	<b>HALF BRICK WORK:</b> Half brick masonry with locally available good quality fly ash bricks with cement mortar of 1:3 (1 cement : 3 parts of sand) including providing and laying <b>2 nos of 6 mm bars</b> at every third course. Cost of reinforcement will be paid separately)	110.00	Sqm		
16	<b>P&amp;L AAC Block</b> of required size and shape for raising floor level by 150mm thick to insert floor trap & drainage systems in toilets and canteen areas duly grouted with cement mortar of 1:6 including curing etc complete at any level	1.50	cum		
17	<b>Core Cutting:</b> Core cutting with machines for RCC/ Brick work as per direction of EIC/ architect for exhaust fan openings, insertion of pipe lines, AC pipe lines etc, ventilations including filling the gap with rich cement mortar of 1:3 ( 1 part of cement: 3 parts of coarse sand) complete in all respect.	12.00	Nos.		
18	<b>PLASTERING-15MM:</b> Finishing the surface with 15mm thick cement plaster 1:4(Cement:Coarse sand) including scaffolding, curing etc complete.	3,271.00	Sqm		
19	<b>EXTERIOR PLASTERING:</b> Finishing the surface with 18mm thick cement plaster 1:4(Cement:Coarse sand) including scaffolding, curing etc complete.	1,900.00	Sqm		
20	<b>DRIP COURSE:</b> Providing plaster drip course / groove in cement mortar 1:2 (Cement: Coarse sand) in plastered surface or moulding to RCC projections for at any level and height.	50.00	Rmt.		
21	<b>CERAMIC TILING:</b> P&F 1st quality ceramic glazed floor tiles (300mmx300mm) and wall tiles (250x450,300x450 to 600 or any suitable size) of approved make and colour laid in cement mortar bed of 15 to 20mm 1:3 (Cement to coarse sand) an jointing with epoxy grout matching with colour or approved shade including cement slurry on backing the tile surface for floors, with proper slope for drainage of water.Make: Johnson/Kajaria/Somany as approved)	170.00	Sqm		
22	<b>GRANITE FLOORING:</b> P&F 16 to 18mm thick Jet black colour granite in steps, kitchen platforms, stair case treads , risers, landing slabs including moulding with square edges (mirror polished) of approved texture and colour laid over 15 to 20mm thick cement mortar 1:4 ( 1 cement: 4 coarse sand), joints treated with matching colour pigment epoxy touch etc complete	100.00	Sqm		
23	<b>Italian Marble:</b> P&L 18mm thick Italian marble flooring and wall cladding in lift lobby and common passage area on a bed of 15 mm to 20mm thick bed of cement mortar 1:4 (C:CS) and grouting joints with white cement if necessary including machine polishing edge moulding etc complete. (cost of italian marble will be in the range of 400 per sqft and above. The colour and shade shall be approved by EIC/Architect.	60.00	sqm		
24	<b>STONE CLADDING:</b> P&F 16 to 18mm thick sand Stone wall lining upto 10m height with special adhesives with a backing mortar of 12 to 15mm thick 1:3 (C:CS) including pointing with white cement mixed with pigment matching with sand stone shade etc complete. Rate includes cost of all materials and labour, scaffolding etc complete	125.00	Sqm		
25	<b>Paver Blocks :</b> P&L 60mm thick factory made chamfered edge cement concrete paver block on drive ways, and other locations laid in required colour and pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding / laying of inter locking paver blocks in to the sand bedding layer through plate vibrator , filling the joints with fine sand and sweeping extra sand etc all completely M35 grade 60mm thick approved colour design and pattern	1,560.00	Sqm		
26	<b>Paving Tiles :</b> P&L premium quality 300mmx300mm paving tiles in ramp area ,skirting areas with backing mortar of 20mm thick 1:4 (cement: 4 coarse sand) and mixed with tile adhesive cement 5 kg per bag of cement including grouting the joints with matching colour white cement etc complete	235.00	Sqm		

27	<b>DOOR FRAME:</b> Providing wood work in frames of doors, windows, and other positions with second class sal wood fixed in position with hold fasts lugs or with dah fasteners of required diameter and length etc complete (100mmx75mm preferred)	0.60	cum		
28	<b>FLUSH DOOR:</b> P&F 32mm thick flush door shutters of century/ green/ globe/ sylvan /kit ply with teak wood lipping on all edges duly polished including hinges, mortise locks of godrej make, visio glass as per site conditions etc complete	25.00	Sqm		
29	<b>Glass Work:</b> S&F 5.5mm thick toughned glass in silicon perimeter of Saintgobain including polishing in edges etc complete (sparkling Ice or any suitable colour) including all accessories that are necessary Providing, assembling and supplying visionglass panels (IGUs) comprising of hermetically-sealed 6-12-6 mm insulated glass (double glazed) vision panel units of size and shape as required and specified. comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade, an inner Heat strengthened clear float glass 5.5 mm thick, spacer tube 12mm wide, dessicants, including primary seal and secondary seal (structural silicone sealant) etc. all complete for the required performances, as per the Architectural drawings,	68.69	sqm		
30	<b>ROLLING SHUTTER:</b> Supplying and fixing rolling shutters of approved make, made of required size M.S laths, interlocking together throughout their entire length and jointed together at the end by end hooks, mounted on specially designed pipe shaft with brackets. Side guides and arrangement for inside and outside locking with push and pull operations complete including wire springs of adequate strength, M.S top cover of 0.90 m thickness etc complet	12.00	Sqm		
31	<b>COLLAPSIBLE SHUTER:</b> P&F rolling shutters with verticles channels 20mx10mmx2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail og T-iron 40x40x6mm with 40mm dia steel pulley complet with bolts, nuts, locking arrangements stoppers, handles and applying oneor more coats of steel primer complete	8.00	Sqm		
32	<b>MS GRILL:</b> P&F M. S Grills of required pattern in frames of windows etc with MS flats, 12 mm square bars including priming coat of approved steel primer in two coats in welded sections etc complete	927.00	Kg		
33	<b>Upvc WINDOW:</b> P&F factory made uPVC white colour two track two panles sliding window made of 52x44mm and sash 32x60mm both having wall thickness 1.9mm with 0.2 mm tolerance and single glazing bead of requireddimensions with multi chamber frame with in built roller track and sash extruded profiles duly reinforced with 1.6mm with 0.2mm tolerances Galvanized mild steel sectoion made with roll , extruded interlocks, glazing beads, EDPM gaskets wood pile touch locks etc all complete. The glass panels shall e saint gobain of make sparkling ice plain toughned glass of 5mm thick. M/s Fenetsa/ equivalent as approved by Architect/ engineer)	30.00	Sqm		
34	<b>Upvc LOUVER:</b> P&F uPvc louvers for ventilators with same specification but with 5mm thick glass panes frosted without locking system etc complete. M/s Fenetsa/ equivalent as approved by Architect/ engineer)	1.80	Sqm		
35	<b>SS HANDRAIL:</b> P&F stainless steel 304 grade railing made of Hollow tubes, including weilding, grinding, buffing, polishing and making curvature as per site conditions and fitting the same with necessary SS nuts, bolts complete , dash fasteners on the top of floor or side of waist slab with suitable arrangement as per instruction of engineer-in charge.	950.00	kg		
36	<b>SINK:</b> P&F sink 24"x18"x10" of standard make with watet pipe, full thread waste coupling, sink cock with flange etc complete make: Hidware/ Cera/ niral/ Johnson/Ruhe as approved SS 304 grade steel	1.00	Set		
37	<b>WALL HUNG:</b> Providing and fixing wall hung water closet white colour with all accesories like seat covers, fixing bolts etc, traps, cocealed flush valve with 32mm PVC pipe working as cistern, bib cock, floor jali, soap dish , 8mm dia CP/SS jet with flexible tube upto 1 meter long with SS plate to wall hug WC including all accessories etc complete. One set comprises one wall hung water closet of required size , one flush valve with 32mm PVC pipe, one bib cock (long with aereated flow), one SS square jali 100mm, one soap dish)Make: Cera/Parryware/Hindware/ Jaguar	6.00	Set		
38	<b>WASH BASIN:</b> P&F white colour wash basin with pair of brackets, pilar cock, waste coupling, waste pipe, stop cock, mirror, pair of brackets complete. One set comprises of a wash baisin, pair of C I brackets mirror, pillar cock, waste coupling, waste pipe, stop cock, sopa dish, towel rod) Cera/Parryware/Hindware/ Jaguar	8.00	Set		
39	<b>URINAL:</b> P&F white colour half stall urinal , waste coupling, waste pipe, stop cock, cmplete. One set comprises of a flat back urinal, stop cock, waste coupling, waste pipe, ) Cera/Parryware/Hindware/ Jaguar	6.00	Set		

40	<b>UPVC PIPE:</b> P&f and testing UPVC pipe 20mm dia (Conclaead work) includng all accessories like bend, elbow etc complete. U clamp shall be provided at regular spacing and iin each turning point. Make TATA/equiv as approved. Wall shall be grooved for insertion of pipes and make the wall good with mortars, etc coccomplete.	75.00	Rmt.		
41	<b>25MM UPVC PIPE:</b> P&f and testing UPVC pipe 25mm dia (external ) includng all accessories like bend, elbow etc complete. U clamp shall be provided at regular spacing and iin each turning point. Make TATA/equiv as approved. Wall shall be grooved for insertion of pipes and make the wall good with mortars, etc coccomplete.	35.00	Rmt.		
42	<b>UPVC PIPE:</b> P&f and testing UPVC pipe 40mm dia (external ) includng all accessories like bend, elbow etc complete. U clamp shall be provided at regular spacing and iin each turning point. Make TATA/equiv as approved. Wall shall be grooved for insertion of pipes and make the wall good with mortars, etc coccomplete.	30.00	Rmt.		
43	<b>PVC-75:</b> P&F and testing 75m dia PVC pipes joing traps on floors for waste pipe line Class-A including jointing with sealing with single socket pies etc coccomplete	30.00	Rmt.		
44	<b>PVC-110:</b> P&F and testing PVC 110mm on wall face unplastiscised Rigid PVC rain water pipes type-A including jointing with sealring with single socket pies of 110mm with all accessories including shoe including P&F to the inlet moth of rain water pipe cast iron grating 15cm Diamters, PVC spout, PVC clamps fixed to the wall surface etc coccomplete: Class-A	60.00	Rmt.		
45	<b>PVC-150:</b> P&F, testing PVC 150mm pipe on wall face unplastiscised Rigid PVC rain water pipes type-A including jointing with sealring with single socket pies of 150mm with all accessories including shoe including P&F to the inlet moth of sewer pipe PVC spout, PVC clamps fixed to the wall surface etc coccomplete: Class-A	60.00	Rmt.		
46	<b>GATE VALVE:</b> P&F Gate valve with wheels for 40mm dia pipe (Leader /Zoloto/equiv as approved)	3.00	Nos.		
47	<b>GATE VALVE:</b> P&F Gate valve with wheels for 25mm dia pipe (Leader /Zoloto/equiv as approved)	6.00	Nos.		
48	<b>BW CHAMBER:</b> Constructing brick masonry road gully chamber 60x60x90cm with fly ash bricks in cement mortar 1:4 (C:CS), foundation of 1:4:8 mox with 20mm grading aggregate, insid eplastering with 12mm cement mortar 1:3 with floating coat of neat cement punning, and making channels in cement concrete 1:2:4 with 20 m down aggregate with floating coat of cement slurry etc complete including 500x450mm pre cast RCC horizontal grating with frame complete	11.00	Nos.		
49	<b>OHST:</b> Supplying and installing 5000 liter capacity PVC water tank of 3 layers of make Supreme, Sintex as approved with cover etc complete	3.00	Nos.		
50	<b>MANHOLE:</b> Constructing brick manhole in cement concrete 1:4 (C:CS) with RCC top slab with 1:1.5:3 mix (C:CS:Aggregate 20mm) nominal mix in foundation with a base concrete 1:4:8 with 40mm metal, inside plastering 12mm thick with CM 1:3 finished with floating coat of cment and making channelss in cement concrete 1:1.5:3 finished with floating coat of neat cement complete as per instruction of architec/EIC with a ize of 90cmx60cm with CI cover of 45cmx61cm and locally available good quality Fly ash bricks	1.00	Nos.		
51	<b>TUBE WELL:</b> Supplying, assembling lowering and fixing in verticle position in bore well, uPVC medium well casing pipe of 200mm dia conformimh to relevant IS standards including required hire and labour te. Uniform blending with cement to be ensured in accordance with relevant clause of IS: 456-2000 in terms	75.00	Rmt.		
52	<b>TUBE WELL:</b> Supplying, assembling lowering and fixing in position outdoor 300mm dia uPVC pipe with all accessories including required hire and labour charges and fittings and all accessories all complete for all depts as directed by engineer-in-charge	10.00	Rmt.		
53	<b>TUBE WELL:</b> Development of tube well in accordance with relevanyt IS standarss to establish maximum rate of usable water yield without sand content with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by V notch method or any other approvedmethod measuring static level and draw down etc by step draw down method collecting water sample and getting tested in approved laboratory i//c disinfection of tube well all complete including hire and labour charge of air compressor tools, accessories including all as per requirement and direction of engineer-in-charge.	1.00	1.Job		

54	<b>TUBE WELL:</b> S&L three core 1.5mm flat electric cable connecting pump to main panel room with required size PVC conduit duly saddles to walls with clamps etc complete	40.00	Rmt.		
55	<b>TBE WELL:</b> S&F PVC water carrying pipe from bore to top of water tank with all accessories 32mm dia	40.00	Rmt.		
56	<b>TUBE WELL:</b> S&F 1 hp submersible pump for tube well with all accessories etc complete taxmo with starter with one stand by pump .	1.00	Nos.		
57	<b>WPT:</b> Supplying and applying Ultratech SEAL & DRY FLEX of Ultratech by removing oil, bond inhibiting agent against dirt, dust and laitance etc as per manufacturers specifications in two coats. A 25mm thick plaster of 1:8 over bed of membrane to be provided after completion of work and carrying out ponding test for a period of 7 days by storing water up to a depth of 75mm on terrace for leak test. 10% of the amount will be kept for a period of 10yrs as water proofing guarantee against leakage in a stamped paper.	560.00	Sqm		
58	<b>GRADING TERRACE SLAB:</b> P&L 40mm average thickness grading of roof/ terrace with 1:1.5:3 ( 1 part of cement: 1.5 parts of Coarse sand: 3 parts of 10mm and down aggregate) with SBR polymer of 2l per bag of cement including line level with slope towards drainage and mixing 150ml per bag of cement of LW+ of Dr fixit. 10% of the amount will be kept for a period of 10yrs as water proofing guarantee against leakage in a stamped paper	54.00	Cum		
59	<b>EXTERIOR Painting :</b> Finishing the exterior wall surface with two or more coats of exterior painting of Apex Ultima of Asian paints or equivalent on the wall surface etc complete including scaffolding, all labours and materials complete.	2,804.00	Sqm		
60	<b>External wall primer:</b> P&A exterior grade wall primer in two or more coats including washing the surface with water, removing the dirt and applying primer including all materials, labour involved for entire operation of works and scaffolding etc complete	2,804.00	Sqm		
61	<b>Tree-guard</b> Half brick circular tree guard in bricks, internal diameter 1.25 metre and height 1.2 metre above ground and 0.20 m below ground, bottom two courses laid dry and top three courses in cement mortar 1:6 (1 cement : 6 fine sand) and the intermediate courses being in dry honey comb masonry as per design complete with locally available good quality bricks.	30.00	Nos.		
62	<b>Plantation and manure:</b> P&S different type of plants like ornamental, seasonal, high growth plants like nims, teak wood, saptarni, krishnachuda, deodar etc and manures etc. Payment shall be made as per purchase vouchers of the materials, transportation cost and labor cost etc complete ). GST shall be paid extra.	1.00	Nos.	60,000.00	60,000.00
63	<b>Profit of the item no 63</b>	1.00	Nos.		
64	<b>Fencing</b> with precast RCC standard post of with mix of 1:1.5:3 ( 1part of cement: 1.5 parts of coarse sand: 3 parts of 10mm and down aggregate) placed at a suitable distance of 3m spacing and embedding with cement concrete pedestal of 1:3:6 ( 1 part of cement: 3 parts of coarse sand: 6 parts of aggregate of 20mm and down) of size.40x.40x.23 in the front garden area. Cost of pedestal, earthwork excavation to be paid separately	1.00	cum		
65	<b>Fencing</b> with welded wire fabric made with 3 to 4mm dia wire with rectangular opening of 25mmx25mm to 40mm x40mm painted with primer and two or more coats of enamel paint and binding with RCC fencing post rigidly as per direction of engineer in charge	120.00	Sqm		
<b>Total Excluding GST</b>					<b>60,000.00</b>

Note:

1. Only approved materials as per tender shall be used.
2. Contractor should visit the site and acquaint himself about site conditions, material availability before quoting the rates of the item
3. GST shall be paid extra as applicable.