

PROPOSED ABSTRACT ESTIMATE FOR PROPOSED RESIDENTIAL BUILDING "A" WING AT PLOT NO.01, KHASRA NO. 47, PH. NO.- 38, MOUZA - BELTARODI, DIST - NAGPUR. BELONGS TO : RATHI REALTY, THROUGH P.O.A. .MR NILESH RATHI, NAGPUR.

ABSTRACT ESTIMATE

SR. NO.	DETAILED ITEM OF WORK	QUANTITY	RATE IN RUPEES	UNIT	AMOUNT IN RUPEES	WORK COMPLETED
1	Excavation for foundation in earth, soils of all types, sand, gravel & soft murum, including removing the excavated material up to a distance of 50m. Beyond the building area & stacking or spreading as directed, preparing the bed for the foundations & necessary backfilling, ramming, watering, including shoring & strutting as necessary complete	4295.745	210.00	Cum.	902,106.45	902,106.45
2	Filling in plinth and floors with approved excavated materials in layers including watering and compaction complete.	2852.93	80.00	CU.M.	228,234.00	228,234.00
3	Filling in plinth and floors with contractors approved material / murum / stone dust in 15cm. to 20cm. layers including watering and compaction complete.	543.41	1256.00	CU.M.	682,516.68	682,516.68
4	Providing & laying in situ, cement concrete in 1:4:8 of trap/granite/quartzite/gneiss metal for foundation & bedding including bailing out water, plywood/steel formwork, compacting, finishing even & honeycombed surface curing etc.. Complete. The cement mortar 1:3 plaster is considered for rendering even & honeycombed surface only. Newly laid concrete shall be covered by gunny bags, plastic, tarpaulin etc. (Wooden centering will not be allowed)	208.845	3200.00	Cum.	668,304.00	668,304.00


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5	Providing and laying in situ cement concrete of required grade of trap / granite/ quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strip foundations and footings of R.C.C.columns and steel stanchions including bailing out water, plywood/steel formwork, compaction, curing and roughening the surface if special finish is to be provided, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give smooth and even surface etc. complete. (Excluding reinforcement and structural steel, including cover block) The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed)	642.480	5850.00	Cum.	3,758,508.00	3,758,508.00
6	Providing & laying in situ, cement concrete of required grade of trap/granite/quartzite/gneiss metal for R.C.C. Columns as per detailed design & drawing as directed including bailing out water, plywood or steel formwork, compaction, curing & roughening the surface if special finish is to be provided, finishing uneven & honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give smooth & even surface etc... complete. Including use of Plasticizers as directed by Engineer (Excluding reinforcement including cover block) The cement Mortar of 1:3 plaster is considered for rendering uneven & honeycombed surface only. Newly laid concrete shall be covered by gunny bags, plastic, tarpaulin etc. { Wooden centering will not be allowed)	330.540	6742.00	Cum.	2,228,500.68	1,671,375.51
7	Beams & Lintels					
	LINTELS	35.40	6741.00	CU.M.	238,631.40	71,589.42
	BEAM	840.38	6742.00	CU.M.	5,665,808.25	5,099,227.43
8(A)	Slab & Landings					
	SLAB	752.51	6742.00	CU.M.	5,073,388.71	5,073,388.71
	LANDING	13.53	6742.00	CU.M.	91,249.60	82,124.64
(B)	Waist slab	58.85	6742.00	CU.M.	396,732.99	396,732.99
9	Providing and fixing mild steel (reinforcement) as per detailed drawing (As per I.S.I make.)	213.894	50000.00	MT.	10,694,718.00	8,555,774.40


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10	Providing second class burnt brick masonry with conventional/I.S type brick c.m., 150 mm thick wall including 75 mm thick band in R.C.C. 1:2:4 after every tenth layer with mild steel longitudinal reinforcement of two bar of 8mm diameter after every 5 layers including striking joints, racking out joints watering and scaffolding complete. (150 MM THICK)	3311.250	680.00	SQM.	2,251,650.00	337,747.50
11	Providing Fly Ash lime brick masonry (Bricks conforming to I.S. 12894 :1990 of size 19cm x 9cm x 9cm) brick in cement mortar 1:4 in half brick thick reinforcement of two bars of 8mm diameter/2 hoop iron strips 25 mm x 1.6 mm placed at every third course, properly bent and bounded at ends scaffolding, racking out joints and watering complete	7783.85	583.00	SQM.	4,537,981.64	680,697.25
12	Providing & laying vitrified tiles of approved make & quality of required size for flooring in required position laid on bed of C. M. 1:4 including cement float, filling joint with white / colour cement slurry, cleaning, curing, complete. (As per I.S.I make)	4444.85	1319.30	SQM.	5,864,084.01	0.00
13	Providing & laying ceramic tiles of approved quality 30 cm X 30 cm X 5.5 mm for flooring in required position laid on bed of C. M. 1:4 including cement float, filling joint with white / colour cement slurry, cleaning, curing, complete.(As per I.S.I make)	179.85	1211.00	SQM.	217,798.35	0.00
14	Providing & laying ceramic tiles of approved quality 30 cm X 30 cm X 5.5 mm for dado in required position with readymade adhesive mortar of approved quality in required position after making the wall portion in level in plaster of C. M. 1:4 including cement float, filling joint with white / colour cement slurry, cleaning, curing, complete.(As per I.S.I make)	877.80	1211.00	SQM.	1,063,015.80	0.00
15	Providing & laying hand cut polished kota stone flooring 20 to 25 mm thick diamond pattern on a bed of C. M. 1:6 including cement float, filling joints with neat cement slurry, curing, rubbing, polishing and cleaning complete.	279.95	710.00	SQM.	198,760.95	0.00
16	Providing and fixing granite for kitchen platform and window sill including cement float, filling joints with neat cement slurry, curing, rubbing, polishing and cleaning complete.	540.540	2800.00	SQM.	1,513,512.00	0.00
17	Providing internal cement plaster 12 mm thick in single coat in cement mortar 1:5 without neeru finish to concrete surfaces in all position including scaffolding and curing. Providing groove at joint of B.B. Masonry and concrete members complete.	26854.27	230.00	SQM.	6,176,481.01	0.00


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18	Providing sand faced plaster for external portion in cement mortar using Kharsaliya/kasaba or similar type of sand, in all positions including base coat of 15 mm thick in C.M. 1:4 using water proofing compound at 1 kg per cement bag curing the same for not less than 3 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in C. M. 1:4 finishing the surface by tacking out grains, making grooves and curing for fourteen days scaffolding etc. complete.	7450.31	390.00	SQM.	2,905,621.88	0.00
19	Providing and applying apex ultima of approved colour & shade to old and new surfaces in one coat including scaffolding, preparing the surfaces (excluding the primer coat) complete.(As per I.S.I make)	7450.31	100.00	SQM.	745,031.25	0.00
20	Providing and applying plastic paint of approved colour & shade to existing surface in two coats including scaffolding, preparing the surfaces (excluding the primer coat) complete.. (FOR NEW SURFACE ONLY)(As per I.S.I make)	26854.27	135.00	SQM.	3,625,325.81	0.00
21 (a)	Providing and fixing single leaf door, with country teak wood shutter and panels as per detailed drawing including iron oxidised fixtures and fastening stoppers and finishing with one coat of primer complete. (Excluding door frame) (Sample to be got approved from Ex. Engineer before use)	132.30	12000.00	SQM	1,587,600.00	0.00
21(b)	Providing and fixing single leaf flush door with teak wood frame as per detailed drawing including iron oxidised fixtures and fastening stoppers and finishing with one coat of primer complete. (Excluding door frame) (Sample to be got approved from Ex. Engineer before use)	625.59	3800.00	SQM	2,377,242.00	0.00
22(a)	Supplying and fixing in position aluminium extruded section Three track sliding window upto 1.25 meter height, outer frame from section of overall size 62 mm X 45 mm bottom section with or without drain section, track weighing 0.90 kg per meter and top and side section weighing 0.838 kg per running meter with shutter or sections made of 19 mm X 40 mm size having average weight of 0.6 kg per running meter (or as required size) with change in proportionate weight, with 5.00 mm selected quality plain sheet glass fixed with new neoprene gasket shutters to be provided with nylon encased stainless rollers, necessary locks and handles complete.(As per Architect's drawing no. job No. T-MISC/5000 Drg No 22 dated 3-2-1992)	525.39	3978.80	SQM.	2,090,421.73	0.00


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23	Providing and fixing Stainless Steel railing with top & vertical pipe of 50 mm Dia. @ 0.90 m. C/C or as required and horizontal pipes of 25 mm dia in two rows, all pipes of 2 mm thick including buffing, fabricating fixtures and fastening including pipe base of 75 mm dia above one major post etc.complete (prior approval of sample and brand by EX. Engineer is necessary before use)	193.04	3225.00	SQM.	622,537.88	0.00
24	Providing & fixing mild steel grill work for windows, ventilators, etc.. 20kg/ sqm. As per drawing including fixtures necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete..	525.39	2238.40	SQM.	1,176,032.98	0.00
25	Providing and fixing white glazed earthenware Wash Hand Basin of size 45 cm X30 cm including cold water pillar tap, brackets, rubber plug and brass chain, stop tap, chromium plated bottle trap and necessary pipe connection including UPVC waste pipe and trap up to the out side face of the wall, making good the damaged surface, testing etc complete.(prior approval of sample and brand by Engineer is necessary before use)(As per I.S.I make)	47.00	5700.00	NO.	267,900.00	0.00
26	Providing and fixing European type white glazed earthenware W.C PAN with UPVC seat and lid with chromium plated brass hinged and rubber buffer including UPVC and vent pipe upto the outside face of wall, 10 litter enamelled low level flushing cistern with fittings, pipe and stop brackets for fixing cistern 32 mm dia. UPVC flush pipe with fittings and clamps, 20 mm dia. UPVC overflow mosquito proof couplings, G.I chain and pulley, cutting and making good to the walls and floors, testing etc. complete (Prior approval of sample and brand be Engineer is necessary before use)(As per I.S.I make)	47.00	7500.00	NO.	352,500.00	0.00
27	Providing & fixing pillar cock . As per drawing including necessary fixtures and complete. (As per I.S.I make)	47.00	1500.00	NOS.	70,500.00	0.00
28	Providing & fixing Bath mixer As per drawing including necessary fixtures and complete. (As per I.S.I make)	47.00	3800.00	NOS.	178,600.00	0.00
29	Providing & fixing metro pole flush . As per drawing including necessary fixtures and complete. (As per I.S.I make)	47.00	4000.00	NOS.	188,000.00	0.00
30 (a)	Providing & fixing for tap . As per drawing including necessary fixtures and complete. (As per I.S.I make)	47.00	1200.00	NOS.	56,400.00	0.00
30 (b)	Providing & fixing for kitchen tap . As per drawing including necessary fixtures and complete.(As per I.S.I make)	47.00	1200.00	NOS.	56,400.00	0.00
31	Providing and fixing UPVC pipe line for internal and outer connection for toilet 1",1/2",1.25" dia pipes (As per I.S.I make)	469.20	750.00	RMT.	351,900.00	0.00



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32	Providing and fixing 15 cm x 10 cm Salt glazed stoneware gully trap in cement concrete 1:4:8 outside the building including brick masonry chamber with cast iron lid.(As per I.S.I make)	8.00	3800.00	NOS	30,400.00	0.00
33	Providing and constructing 90cm x 45 CM Brick Masonry Inspection Chamber including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels, half round G.S.W pipes ,brick masonry ,plastering from inside and air tight C.I. lid fixed in cement.	9.00	9800.00	NOS	88,200.00	0.00
34	Providing and laying SWR pipe 6" dia for drainage connecting between to inspection chambers and making concrete bed before laying the pipes.(As per I.S.I make)	176.675	960.00	RMT.	169,607.52	0.00
35	Providing and fixing 10 cm Rigid Nahani Trap in w.c. including trap including PVC pipe grating bend connecting piece of PVC pipes required diameter pipe upto outer face of wall.	56.00	1234.00	NOS.	69,104.00	0.00
36	Providing and fixing SWR pipe approved make with standing min pressure of 4kg /cm2 including necessary fixture and fitting such as bend,tees,single junctions, double junction sand joining with rubber rings and lubricant on wall by means of clips or in ground including necessary excavation ,laying refilling ,trench testing etc.complete. 4" and 3" dia pipe.(As per I.S.I make)	584.465	650.00	RMT.	379,901.93	0.00
37	Providing & Laying paving Tiles Flooring at parking area.1'x 1' tile 1" thk of make - ultra. (As per I.S.I make)	730.650	900.00	SQM.	657,585.00	0.00
38	Providing and fixing electrical conduits and switch board complete. (As per I.S.I make)	47.000	42000.00	NOS.	1,974,000.00	0.00
39	WATER PROOFING TO TOILETS AND BALCONY	144.375	830.00	SQM	119,831.25	0.00
40	WATER PROOFING TO TERRACE	852.345	850.00	SQM	724,493.25	0.00
41	PROVIDING AND FIXING LIFT (2 NO.S)	2000000.000		L.S	2,000,000.00	0.00
42	WATER HARVESTING	50000.000		L.S	50,000.00	0.00
43	BORE WELL WITH PUMP	160000.000		L.S	160,000.00	0.00
44	SOLAR WATER HEATER	1200000.000		L.S	1,200,000.00	0.00
TOTAL AMOUNT (In Rupees.)					76727118.97	
45	ARCHITECTS FEE 2%	1534542.379		L.S	1,534,542.38	306,908.48
GRAND TOTAL (In Rupees.)					78261661.35	
SAY Rupees.					78261661	
Total amount for work completed						28,515,235
46	10 % escalation per year in total estimated cost					


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