

ESTIMATE REPORT



SANKALP PLANNER'S

Consulting Engineer's | Planner's

Name Of Work :- Proposed Estimate For Ground + First Floor Residential Building

Gut No / Survey No / Plot No :- G.No:- 123/Part P.No:- 21

Name Of Owner :- Shri:- Namdev Mohan Thakare

Owner Site Address :- Gut No:- 123/Part, P.No:- 21, Chankapur Road, At. Abhona, Tal. Kalwan Dist. Nashik - 423502

Estimates Cost :- 4972701.74

In Word :-

Rupees FourtyNine Lakh SeventyTwo Thousand Seven Hundred One Paise SeventyFour Only



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Office :-

Near Bank Of Maharashtra, Old Otur Road, Shivaji Nagar, Kalwan Tal. Kalwan Dist. Nashik - 423501

Name Of Work :- Proposed Estimate For Ground + First Floor Residential Building

At. Abhona Tal. Kalwan Dist. Nashik

Estimate						
SSR Item No.	Sr. No.	Item Of Work	Qty.	Rate	Unit Per	Amount
Excavation						
21.03	1	Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Manual Means Bd.A.1 Page Number 259 (SSR- Sr.No.-720 & I.No.-21.03)	81.41	314	Cubic Metre	25561.17
Rubble Stone Soling						
21.38	2	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. Bd.A. 12 Page Number 264 (SSR- Sr.No.-750 & I.No.-21.38)	21.04	1382	Cubic Metre	29077.28
21.37	3	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. Bd.A.11 Page Number 263 (SSR- Sr.No.-749 & I.No.-21.37)	18.93	599	Cubic Metre	11339.56
Plain Cement Concrete						
24.06	4	Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap/ granite/quartzite/gneiss metal for steps including steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. 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.), with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) Bd.E.2 Page Number 288 and B.7 Page No 38 (SSR- Sr.No.-827 & I.No.-24.06)	20.70	6365	Cubic Metre	131762.66
Reinforcement Cement Concrete						
25.13	5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite / quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering, formwork, cover blocks, laying/pumping, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) Bd.F.3 Page Number 298 and B.7, Page Number 38 (SSR- Sr.No.-835 & I.No.-25.13)	17.77	6836	Cubic Metre	121442.22

25.52	6	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)Bd.F.6 Page Number 300 and B.7, Page Number38 (SSR- Sr.No.-845 & I.No.-25.52)	20.02	12452	Cubic Metre	249268.48
25.72	7	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)Bd.F.8 Page Number 302 and B.7, Page Number38 (SSR- Sr.No.-850 & I.No.-25.72)	19.72	14116	Cubic Metre	278361.87
26.07	8	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)Bd.F.9 Page Number 303 and B.7, Page Number38 (SSR- Sr.No.-855 & I.No.-26.07)	1.26	14116	Cubic Metre	17722.64
26.11	9	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite / quartzite / gneiss metal for R.C.C. canopy as per detailed designs and drawings including steel centering, formwork, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing etc. complete (excluding reinforcement). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)Bd.F.8 Page Number 303 and B.7, Page Number38 (SSR- Sr.No.-857 & I.No.-26.11)	0.00	13283	Cubic Metre	0
26.19	10	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening them if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)Bd.F.11 Page Number 304 and B.7, Page Number 38 (SSR- Sr.No.-859 & I.No.-26.19)	1.81	15750	Cubic Metre	28444.5

26.26	11	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap / quartzite /granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, plywood/ steel formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding enforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)Bd. F. 13 Page Number 305	0.66	13360	Cubic Metre	8757.48
26.25	12	Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap / quartzite /granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding enforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)Bd. F. 13 Page Number 305/ I.S. 456 (2000 (SSR- Sr.No.-861 & I.No.-26.25)	1.38	13137	Cubic Metre	18089.65
26.33	13	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.Bd.F.17, Page Number 306 (SSR- Sr.No.-869 & I.No.-26.33)	6.92	89703	Metric Tonne	620475.65
Brick Masonry Work						
27.02	14	Providing first class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth including bailing out water manually, striking joints on unexposed faces, pointing with cement mortar 1:3 on exposed face and watering etc. Complete.Bd.G.2 Page Number 313 (SSR- Sr.No.-888 & I.No.-27.02)	7.21	7928	Cubic Metre	57164.84
27.05	15	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. CompleteBd.G.5 Page Number 315 (SSR- Sr.No.-890 & I.No.-27.05)	47.40	7994	Cubic Metre	378878.49
28.05	16	Providing random rubble masonry second sort of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in plinth including bailing out water manually , striking joints on unexposed faces. (Excluding pointing) etc.complete.Bd.H.5 Page Number 331 (SSR- Sr.No.-906 & I.No.-28.05)	8.13	4734	Cubic Metre	38495.23
31.05	17	Providing water proof bedding for flooring of Bath and WC 25 mm thick in C.M. 1:3 including using approved water proofing compound in specified proportion as per manufacturers specifications for per bag of cement including leveling, curing and covering 10 years guarantee on court fee stamp paper of Rs.500/- including ponding test etc. complete.As directed by Engineer in charge. (SSR- Sr.No.-939 & I.No.-31.05)	15.21	430	Square Metre	6540.3

Plastering and Pointing

32.08	18	Providing internal cement plaster 20mm. thick in Single coats in cement mortar 1:3 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc. complete.Bd.L.4 Page Number 368 (SSR- Sr.No.-960 & I.No.-32.08)	279.95	393	Square Metre	110018.39
32.34	19	Providing and applying Two coats of wall care Putty on plastered surface and Ceiling and Walls to prepare surface even and smooth of approved make, etc complete.As directed by Engineer in charge. (SSR- Sr.No.-983 & I.No.-32.34)	58.36	90	Square Metre	5252.47
50.04	20	Clean the R.C.C. roof slab surface of all loose particles, dust, cement laitance etc. preferably done by using machine like device. Inspect for cracks/construction joints. Fill the cracks by Flexiroof PU of approved make & approved by Engineer in charge (This coating is to be protected by providing I.P.S. on top of it). Provide and apply a primer coat of Flexiroof PU Primer of approved make & approved by Engineer in charge on the cleaned RCC deck surface using a soft paint brush. Shake the container well and directly apply the primer by brush. Allow it to set for 30 - 45 mins. Provide and apply Flexiroof PU of approved make & approved by Engineer in charge by brush, roller or airless spray	72.77	2135	Square Metre	155363.95
32.13	21	Providing rough cast cement plaster externally in two coats with coloured cement finish to concrete/ brick/ stone masonry surfaces in all positions with base coat 12 to 15 mm. thick in C.M. 1:4 using gray cement and rough cast treatment 12 mm thick in proportion of 1:1 1/2:3 using colour pigment including scaffolding and fourteen days curing etc. complete.Bd.L.9, Page Number370 (SSR- Sr.No.-963 & I.No.-32.13)	101.10	574	Square Metre	58028.53
32.24	22	Providing patti/ band 100mm wide on plastered surface 12 mm to 15 mm thick in C.M. 1:3 line and level including neat finishing scaffolding curing etc. complete.As directed by Engineer in charge. (SSR- Sr.No.-973 & I.No.-32.24)	19	67	Running Metre	1273

Paving, Flooring and Dado

33.25	23	Providing and laying ceramic tiles of having size 30 cm. x 30 cm. and confirming to corresponding I.S. for dado and skirting in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/ colour cement slurry cleaning curing etc. complete.Bd.M.13 Page Number 386. (SSR- Sr.No.-1010 & I.No.-33.25)	157.757	1255	Square Metre	197984.78
33.48	24	Providing and fixing green marble of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing / moulding the sharp edges wherever necessary, curing, etc. complete.Bd. M. 12 (SSR- Sr.No.-1033 & I.No.-33.48)	10.395	2367	Square Metre	24604.97

Colouring

35.15	25	Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to new plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.Spec.Number: Bd.O.8/Page Number406 (SSR- Sr.No.-1083 & I.No.-35.15)	279.95	104	Square Metre	29114.28
36.11	26	Providing and applying washable oil-bound distemper of approved colour and shade to old and new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) etc. complete.Bd.P.5 Page Number 413 (SSR- Sr.No.-1104 & I.No.-36.11)	101.10	48	Square Metre	4852.56

Doors and Windows

39.01	27	Providing and fixing frame with / without ventilator of size as specified with Country cut teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc. completeAs directed by Engineer in charge. (SSR- Sr.No.-1192 & I.No.-39.01)	0.89	200050	Cubic metre	178649.65
39.08	28	Providing and fixing Country cut teak wood double or single leaf panelled shutters, 35 mm thick style top and freze rail 95 x 35 thick with lock and bottam rail 195 x 25 mm thick and panels without ventilator as per detailed drawing excluding the door frame, stainless steel fixtures and fastening and finishing the wood work with oil painting 3 coats completeBD-T-11 and 12 Page Number 482-83 (SSR- Sr.No.-1199 & I.No.-39.08)	25.515	9542	Square Metre	243464.13
39.44	29	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 Kilogram/Running metre. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 Kilogram/Running metre.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 Kilogram/Running metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/Running metre. and handle and top section 40 x 18 x 1.25 mm at weight o.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating without boxAs directed by Engineer in charge. (SSR- Sr.No.-1235 & I.No.-39.44)	27.54	4968	Square Metre	136818.72

Water Supply & Sanitary Fittings

42.78	30	Providing and fixing stainless steel sink of size 600 x 510 x 200 mm includng coupling, outlet pipe, elbow and other necessary fitting, finishing etc. complete.As directed by Engineer in charge (SSR- Sr.No.-1447 & I.No.-42.78)	2	19900	Number	39800
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Plumbing

48.33	31	Providing and fixing Shower Head with shower arm of approved make shower tube hand shower with divertor of spout including all necessary pipe fittings and connections etc. complete as directed by Engineer in charge.As directed by Engineer in charge (SSR- Sr.No.-1633 & I.No.-48.33)	3	14866	Number	44598
48.36	32	Providing and fixing Table top white wash basin of size 120x635x405mm rubber plugs and brass chain, with pillar cock, C.P.Angular stop cock long thread, continental including S.S. bottle trap of approved make having necessary pipe connection up to theoutside face of the wall.etc complete as directed by Engineer in charge.As directed by Engineer in charge (SSR- Sr.No.-1636 & I.No.-48.36)	2	24356	Number	48712
48.43	33	Providing and fixing white glazed urinal of size 710x460x300mm with sensotronic concealed type flushing valve for urinal with complete kit having fittings, inlet pipe with stop tap, brackets for fixing the cistern, 32mm diameter P.V.C. flush pipe with fitting and flushing arrangement including lead soil pipe, lead trap & soil pipe connection upto the outside face of wall etc complete.As directed by Engineer in charge (SSR- Sr.No.-1643 & I.No.-48.43)	3	18575	Number	55725

Rain Water Warvesting

48.47	34	<p>RWH - Recharge Pit Providing and constructing recharge pit of 2.0m deep and 1.0m dia of pre-cast RCC rings with 6.5" dia x 25m deep borewell at the floor of recharge pit including installation of combination of solid/perforated PVC casing pipe wrapped around with netlon mesh including 300mm thick sidefilling around outside of RCC rings (annular space) with 40mm size boulders including filling of recharge pit up to 0.5m depth with 25-75mm clean washed gravels from bottom up followed by 0.5m depth of 10- 25mm of clean washed stones followed by 0.5m of washed river fine aggregate (natural sand/crushed sand VSI grade finely washed etc.) including netlon mesh between each gravel/fine aggregate (natural sand/crushed sand VSI grade finely washed etc.) media layer including covering with RCC slab, manhole frame & cover, PVC rungs, PVC end-caps, fittings etc. including arrangement for inlet & outlet pipe excavation & backfilling as shown in the drawing. The rate shall be inclusive of all labour, material, wastage, scaffolding, transportation, taxes, including all leads, lifts at all levels. All material should be of approved make. All works complete as per the drawing, technical specification and direction of the Engineer inAs directed by Engineer in charge (SSR- Sr.No.-1647 & I.No.-48.47)</p>	1	91300	Number	91300
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Others

48.18	34	<p>Providing & laying water proof treatment of terrace slab with B.B. Coba in all position with an average thickness of 150mm consisting specialised materials as per the manufactures specifications and covering 10 years guarantee on court fee stamp paper including all lead, lift, etc. complete.As directed by Engineer in charge (SSR- Sr.No.-1618 & I.No.-48.18)</p>	89.25	1464	Square Metre	130662
	35	Spetic Tank				107328.13
	36	Electrification = 10% of Estimated Cost				357760.45
	37	Water Supply & Sanitary Fittings (5%)				171460.99
	38	Goods & Service Tax (GST) 18%				758547.7234

Total :-	4972701.74
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In World :-	Rupees FourtyNine Lakh SeventyTwo Thousand Seven Hundred One Paise SeventyFour Only
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S. Gavit
Er. Sahebrao H. Gavit
Sankalp Planner's
Kalwan Dist. Nashik