

ESTIMATE

PROJECT

PROPOSED RESIDENTIAL BUNGALOW

IN

GAT NO - 15/2, FLAT NO - A601, SIXTH FLOOR, WING A, D PARK, GAT NO -
489/1, KONARK NAGAR, MUMBAI AGRA HIGHWAY, FRONT OF BANK OF
MAHARASHTRA, NASHIK 422 003

OF

SACHIN JADHAV NIM

SAGAR VIJAYRAO KATORE

CONSULTING ENGINEER, STRUCTURAL DESIGNER

& GOVT. REGISTERED VALUER

At : Nimgaon Korhale, Post : Laxmiwadi, Tal : Rahata,

Ahmednagar - 423 109

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ESTIMATE SUMMARY

Name of Work	PROPOSED RESIDENTIAL BUNGALOW IN GAT NO - 15/2, FLAT NO - A601, SIXTH FLOOR, WING A, D PARK, GAT NO - 489/1, KONARK NAGAR, MUMBAI AGRA HIGHWAY, FRONT OF BANK OF MAHARASHTRA, NASHIK 422 003
Name of Client	SACHIN JADHAV NIM
Total Builtup Area	900.00 SQ.FT.
No of Floors	GF

Estimate Value	Rs.11,78,303.50/-
Add 2.50% for Contingencies	Rs.29,457.59/-
Add 2.50% for Electrification	Rs.29,457.59/-
Total Estimate Value	Rs.12,37,219.00/-
In Words	Rupees Twelve Lakh Thirty Seven Thousand Two Hundred And Nineteen Only



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DATE: 01/05/2021

WORK :	PROPOSED RESIDENTIAL BUNGALOW IN GAT NO - 15/2, FLAT NO - A601, SIXTH FLOOR, WING A, D PARK, GAT NO - 489/1, KONARK NAGAR, MUMBAI AGRA HIGHWAY, FRONT OF BANK OF MAHARASHTRA, NASHIK 422 003
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CLIENT :	SACHIN JADHAV NIM
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ABSTRACT SHEET

Item no	Description	Qty	Unit	Rate	Amount
1-A	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete.	11.40	C.M.	195.00	2,223.00
1-B	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete.	12.06	C.M.	195.00	2,351.70
2	Soling below Column Foundations	2.89	S.M.	405.00	1,170.00
3-A	Providing and laying in situ cement concrete in 1:4:8 of trap / granite / quartzite / gneiss metal for foundation and bedding including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing etc. complete. (Wooden planks / shuttering will not be allowed).	1.45	C.M.	2612.00	3,790.80



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3-B	Providing and casting in situ cement concrete M-15 /1:2:4 of trap / granite / quartzite / gneiss metal, moulded or chamfered as per drawing or as directed for coping to plinth or parapet, including centering, form work, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, roughening them if special finish is to be provided and curing and finishing if required etc. complete. (The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Wooden planks / shuttering will not be allowed)	12.26	C.M.	4477.00	54,873.00
4	Providing and laying in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, grillages, strips, foundations and footings of R.C.C. columns and steel stanchions including bailing-out water manually, formwork, compacting, covering newly laid concrete by gunny bag, plastic or tarpaulin, curing and roughening the surface if special finish is to be provided (Excluding reinforcement, & structural steel) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks shuttering will not be allowed)	3.08	C.M.	4969.00	15,303.60
5	Filling in plinth and floors with contractor's material approved by Engineer-in-charge in 15 cm to 20cm. Layers including watering and compaction complete.	81.72	C.M.	265.00	21,656.70
6	Providing dry trap / granite / quartzite / gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting complete.	49.02	S.M.	405.00	19,854.90



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7	Providing and casting in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C.columns as per detailed designs and drawings or as directed including fixing plastic cover block of required size at 1.5 meter C/C near the edge of each side and at the center when the width is more than 75 cm. to reinforcement to give required clear cover 40mm to 65mm from all sides in R.C.C. Column, centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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.) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. (Wooden planks / shuttering will not be allowed)	6.91	C.M.	7375.00	50,930.10
8	Providing and casting in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including placing in position plastic cover block of required size at 90 cm. C/C each main bottom bars to stamping at sides to give required clear cover from all sides in R.C.C. Beam, centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Wooden planks / shuttering will not be allowed)	3.61	C.M.	7495.00	27,027.00



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9	Providing and casting in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings or as directed including fixing plastic cover blocks of required size at 27 Nos per 10Sqm of reinforcement to give a clear cover of 15 mm in R.C.C. Slabs, fixing fan hook box of 100 mm diameter PVC or M.S material with required depth with holes or notches as required, bottom with 12 mm dia. M.S. bar bent to shape with hooked ends for fan hook and painting to exposed surface, centering, formwork of steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Wooden planks / shuttering will not be allowed)	12.26	C.M.	6700.00	82,110.60
10	Providing and casting in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including placing in position plastic cover block of required size at 90 cm. C/C each main bottom bars to stamping at sides to give required clear cover from all sides in R.C.C. Beam, centering, formwork of plywood / steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Wooden planks / shuttering will not be allowed)	0.78	C.M.	7495.00	5,873.40



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11	Providing and casting in situ cement concrete of M-20 grade of trap / granite / quartzite / gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings or as directed including fixing plastic cover blocks of required size at 27 Nos per 10Sqm of reinforcement to give a clear cover of 15 mm in R.C.C. Slabs, fixing fan hook box of 100 mm diameter PVC or M.S material with required depth with holes or notches as required, bottom with 12 mm dia. M.S. bar bent to shape with hooked ends for fan hook and painting to exposed surface, centering, formwork of steel, compaction, covering newly laid concrete by gunny bag, plastic or tarpaulin, finishing the formed surface 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. The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Wooden planks / shuttering will not be allowed)	3.80	C.M.	7495.00	28,466.10
12	R.C.C. Water Tank Slab & Pardi	7.12	C.M.	9170.00	65,286.00
13	Providing and fixing in position T.M.T. steel 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.	2.64	M.T.	45000.00	1,18,684.80
14	Providing Brick masonry in cement mortar 1:6 using Second class burnt bricks in superstructure including striking joints, raking out joints, watering and scaffolding complete.	24.04	C.M.	5250.00	1,26,207.90
15	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing complete.	230.63	S.M.	260.00	59,962.50



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16	Providing sand faced cement plaster externally in cement mortar using Kharsalia / Kasaba or similar type of sand, in all positions including base coat of 15mm thick in C.M. 1:4 using waterproofing compound at 1kg.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 8mm thick in C.M. 1:4, finishing the surface by taking out grains and curing for fourteen days, scaffolding etc. complete.	193.37	S.M.	400.00	77,348.70
17	Providing cement based water proofing treatment to terrace (India water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface, applying a coat of cement slurry and mixed with approved water proofing compound and laying the brick bats on bottom layer of c.m. (1:5) and mixed with approved water proofing compound, filling upto half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer, jointing of brick bats with c.m. 1:3 and mixed with approved water proofing compound and finally top finishing with average 20 mm thick layer of same mortar including finishing the surface smooth with cement slurry mixed with approved water proofing compound, marking the finished surface with false squares of 300mm x 300mm, making the junctions at the parapets rounded and tapered towards top for required height with drip mould at the junction of plaster and curing etc., covering 7 years guarantee on Court Fee Stamp paper of Rs.100/- including ponding test etc. complete. Additional Item Spec. No. : As directed by Engineer in charge.	81.70	S.M.	575.00	46,975.50
18	Providing and fixing Glazed vitrified tiles of approved quality 605mmx605mm, 10mm thick for flooring in required position laid on a bed of 1:4 cement mortar, including cement float, filling joints with white/ coloured cement slurry, cleaning, curing complete.	81.70	S.M.	1240.00	1,01,310.30
19	Toilet - Flooring	9.05	S.M.	1240.00	11,220.30



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20	Providing and fixing Glazed vitrified tiles of approved quality 605mmx605mm, 10mm thick for Skirting / Dado in required position laid on a bed of 1:4 cement mortar, including cement float, filling joints with white/ coloured cement slurry, cleaning, curing complete.	17.60	S.M.	1240.00	21,820.50
21	T.W. Doors Frames (BTC)	0.30	C.M.	105600.00	31,952.70
22	Providing and fixing Decorative type of exterior grade solid core flush door in single leaf 35 mm thick as per detailed drawing approved 1mm thick laminated sheet on both faces in the positions shown on the drawing or as directed, all necessary beads, mouldings and lipping, brass fixtures and fastenings on both sides and finishing complete. (without door frame).	11.08	S.M.	5400.00	59,810.40
23	Supplying and fixing in position Colour anodised aluminium extruded section two track sliding window upto 1.2 meter height outer frame made from section of overall size 62 mm x 45 mm, bottom section with or without drain, track section weighing 0.90 kg. per metre and top and side sections weighing 0.838 kg. per running metre with shutter or sections made of 19 mm x 40 mm size having average weight of 0.6 kg. per running metre (or as required size with change in proportionate weight) with 5.5 mm thick selected quality plain glass sheet fixed with new neoprene gasket shutters to be provided with nylon encased stainless roller, necessary locks and handles etc. complete.	9.49	S.M.	4765.00	45,232.20
24	Providing and fixing mild steel grill work weighing 20 kg / Sqm for windows, ventilators etc. as per drawing including fixtures, necessary welding & painting with one coat of anti corrosive paint & two coats of oil painting complete.	9.49	S.M.	1315.00	12,483.90



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25	Providing and fixing best quality 950 mm high S S railing as per drawing in 304 grade with baluster which made out of 50 mm diameter and 16 gauge pipe fitted firmly by means of resin anchors and concealed cover. Handrail will be of 50 mm diameter and 16 gauge pipe having 12 mm diameter rods passing through 16 mm diameter bush will be used as infill baluster. Position at time of installation will be changed depending upon the site condition and situation and as directed by Engineer in charge	4.91	S.M.	1800.00	8,833.50
26	Painting				
	a) Providing & applying washable oil-bound distemper of approved colour and shade to old & new Surfaces in two coats including scaffolding, preparing the surfaces.	230.69	S.M.	60.00	13,841.10
	b) Providing and applying two coats of flat oil paint of approved colour and shade to internal / external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) complete. (Sample and brand is to be got approved from Executive Engineer before use)	193.37	S.M.	55.00	10,635.30
27	Kitchen Platforms (Granite+Trolleys)	2.00	R.M.	2570.00	5,140.00
28	Plumbing				
	A) C.F. Pipe				
	i) 75 mm	6.00	R.M.	320.00	1,920.00
	ii) 100 mm	6.00	R.M.	375.00	2,250.00
	B) C.F. Pipe				
	i) 15 mm	6.00	R.M.	150.00	900.00
	ii) 25 mm	6.00	R.M.	210.00	1,260.00
	iii) 32 mm	6.00	R.M.	310.00	1,860.00
	C) Rainwater Downtake Pipe	6.00	R.M.	432.00	2,592.00
	D) Orissa Pan	1.00	No.	5750.00	5,750.00
	E) European Commode	1.00	No.	4362.00	4,362.00
	F) Wash Hand Basins	1.00	No.	2729.00	2,729.00
	G) Bib Cock	1.00	No.	1070.00	1,070.00
	H) Nahani Trap	2.00	No.	572.00	1,144.00
	I) C.P. Tube	2.00	R.M.	90.00	180.00
	J) Flushcock	3.00	No.	850.00	2,550.00
	K) M. S. Pipes				
	i) 15 mm	6.00	R.M.	150.00	900.00



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	ii) 25 mm	6.00	R.M.	135.00	810.00
	iii) 32 mm	6.00	R.M.	195.00	1,170.00
	L) Gulley Trap	1.00	No.	980.00	980.00
	M) Inspection Chamber	1.00	No.	5500.00	5,500.00
29	U. G. Tank (With Tank for Rain-Water Harvesting)	1000.00	Ltrs	8.00	8,000.00
	Total				11,78,303.50
	Add 2.50% for Contingencies	2.50%			29,457.59
	Add 2.50% for Electrification	2.50%			29,457.59
	Total				12,37,218.68
	Total	Round Up			12,37,219.00