

# ADITYA GRAPHIC'S

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DATE :- 20 /12 /2024

**Name of work :-** Estimate for Proposed Construction of Bungalow for **Mr. Sandip Suresh Thakre.** At rev. **S.no. 284/1/1, Plot no :- 25,** at Village Bhagur, Deolali Cantonment, Tal. & Dist. Nashik

## ABSTRACT

Sr. No.	Description of Items	Quantity	Rate	Unit	Amount
1	Excavation for foundation for compound wall in earth soil of all types sand, gravel and soft murum including removing the excavated material up to a distance of 50m. beyond the building area and stacking & spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling ramming, watering, including shoring & strutting etc. complete. Lift up to 1.5 m.	410.00	115.00	Cum	47,150.00
2	Excavation for foundation for compound wall in hard murum including removing the excavated material up to a distance of 50m. beyond the building area and stacking & spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling ramming, watering, including shoring & strutting etc. complete. Lift from 1.5 m. to 3.0m.	410.00	115.00	Cum	47,150.00
3	Providing and laying P.C.C.1:4:8 in situ of trap/granite/quartzite/gneiss metal for foundation and bedding. base course including bailing out water manually, formwork, compacting and curing etc. complete. As directed by Architect	102.00	1,540.00	Cum	157,080.00
4	Filling in plinth and floors with contractors soil sand or murum in 15 to 20cm layers including watering and compaction etc. complete.	125.00	325.00	Cum	40,625.00
5	Providing & laying in situ cement concrete M-15 of trap/granite/quartzite /gneiss metal for RCC work in foundations like raft, strip foundations, grillage and footings of RCC columns & steel stanchions including bailing out water manually, formwork, compaction, and curing roughening the surface if special finish is to be provided.(Including reinforcement)	95.00	4,850.00	Cum	460,750.00
6	Providing & casting in situ cement concrete M-15 of trap/granite/quartzite /gneiss metal for RCC Columns as per detailed design & drawing or as directed including centring, formwork of plywood/steel, compaction, finishing the formed surface with cm 1:3 of sufficient minimum thickness to give a smooth & even surface or				


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	roughening the surface if special finish is to be provided. & curing (Including reinforcement)	96.00	5,560.00	Cum	533,760.00
7	Providing & casting in situ cement concrete M-15 of trap/granite/quartzite/ gneiss metal for RCC Beams & Lintels as per detailed design & drawing or as directed including centring, formwork of plywood/ steel, compaction, finishing the formed surface with cm 1:3 of sufficient minimum thickness to give a smooth & even surface or roughening the surface if special finish is to be provided. & curing etc. complete.  (Including reinforcement)	59.00	5,560.00	Cum	328,040.00
8	Providing & casting in situ cement concrete M-15 of trap/granite/quartzite/ gneiss metal for RCC Slabs & landings ---cms thk as per detailed design & drawing or as directed including centring, formwork of plywood/ steel, compaction, finishing the formed surface with cm 1:3 of sufficient minimum thickness to give a smooth & even surface or roughening the surface if special finish is to be provided. & curing (Including reinforcement)	125.00	5,560.00	Cum	695,000.00
9	Providing & casting in situ cement concrete M-15 of trap/granite/quartzite/ gneiss metal for RCC sloping Slabs & landings ---cms thk as per detailed design & drawing or as directed including centring, formwork of plywood/ steel, compaction, finishing the formed surface with cm 1:3 of sufficient minimum thickness to give a smooth & even surface or roughening the surface if special finish is to be provided. & curing (Including reinforcement)	22.00	5,560.00	Cum	122,320.00
10	Providing & casting in situ cement concrete M-15 of trap/granite/quartzite /gneiss metal for R.C.C. Chajja and Canopy as per detailed design and drawings including centering, formwork of steel, compacting finishing the formed surface with cm 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 (Including reinforcement).	63.00	5,560.00	Cum	350,280.00
11	Providing II <sup>nd</sup> class B. B. masonry with conventional/IS type bricks in cm 1:6 in Foundation and plinth of inner walls/in plinth external walls including bailing out water manually striking joints, raking out joints on exposed faces, and watering etc. complete.	85.00	1,550.00	Cum	131,750.00
12	Providing II <sup>nd</sup> class B. B. masonry with conventional/IS type bricks in cm 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. complete.	95.00	1,550.00	Cum	147,250.00

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13	Providing II <sup>nd</sup> class R/R masonry with conventional BS type bricks of 230mm thick in cm 1:6 in superstructure including striking joints, taking out joints, watering and scaffolding etc. complete.	120.00	1,420.00	Cum	170,400.00
14	Providing internal cement plaster 12 mm thick in single coat in cm 1:4 with Neeru finishing to concrete or Brick masonry surfaces to ceiling including scaffolding and curing complete.	582.00	1,550.00	Sqm	902,100.00
15	Providing sand faced plaster externally in cement mortar using kharsalia kasba or similar type of sand in all positions including base coat of 15mm thick in cm 1:4 using waterproofing compound at 1 Kg. Per cement bag curing the same for not less than 2 days & keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8mm thick in cm. 1:4 finishing the surface by taking out grains & curing for 14 days scaffolding etc. complete.	405.00	1,300.00	Sqm	526,500.00
16	Providing and laying polished Marble flooring 25mm to 30mm thick and of required width in plain/diamond pattern on a bed of 1:6 cement mortar including cement float, filling joints with neat cement slurry, curing, polishing with mirror finished and cleaning complete.	270.00	1,600.00	Sqm	432,000.00
17	Providing and laying polished Marble slabs 20 to 25mm thick for treads and risers of steps and staircases, with rounded nosing for the treads on a bed of 1:4 cement mortar including cement float, filling joints with neat cement slurry, curing, polishing and cleaning complete.	117.00	1,950.00	Sqm	228,150.00
18	Providing and fixing in required positions, skirting or dado of polished marble slabs 25mm to 30mm thick and of required width on 1:4 cement plaster including cement float, filling joints with cement slurry, curing, rubbing, mirror polishing and cleaning complete.	79.50	1,600.00	Sqm	127,200.00
19	Providing and fixing solid core flush door in single leaf 35mm thick, decorative types, of exterior grade, as per detailed drawings including Burmah/ superior Indian teak wood door frame, approved face veneers on both faces with/without glazing and venetians in the positions shown on the drawings or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings without /with brass mortise lock chromium plated handles on both sides and finishing with french polish/waxing complete ( with door frame)	62.00	1,800.00	Sqm	111,600.00
20	Providing and fixing mild steel grill work for windows, ventilators etc. 15 kg./Sq.m. as per drawing including fixtures, necessary welding & painting with one coat of anticorrosive paint and two coats of oil painting complete.				

  
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		35.00	650.00	Sqm	22,750.00
21	Providing & fixing steel windows of various sizes as per detailed drawings with welded square bars 12mm/ø10cm c/c without hot dip zinc coating with out/with ventilator including fabricating, glazing with non-acetinic/ plain/ obscured glass panes of approved type & quality. All fixtures & fastening with out teak wood boxing & architraves & finishing with one coat of primer complete. Ahmedabad Section / Z-Sections	45.00	1,650.00	Sqm	74,250.00
22	Providing and fixing mild steel grill work weighing 24 kg/sqm. For windows, ventilators etc. as per drawing including fixtures, necessary welding & painting with one coats of anti corrosive paint & two coats of oil painting complete.	288.00	2,400.00	Sqm	691,200.00
23	Providing and fixing steel ventilator fully glazed partly top hung and partly fixed as per detailed drawing without hot dip zinc coating including fabricating glazing with plain obscured glass pane and of approved type and quality and fastening without teak wood boxing and architraves and oil painting two coats etc. complete.	25.00	800.00	Sqm	20,000.00
24	Providing and fixing M.S. pipe railing for staircases as per detailed design and drawings including fixtures, necessary welding & painting with one coats of anti corrosive paint & two coats of oil painting complete.	86.00	700.00	Rmt	60,200.00
25	Providing cement based waterproofing treatment to terrace (Indian water pro-oing or alike) with <b>brick bats laid in required slope</b> 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 & laying the brick bats on bottom layer of cm 1:5 and mixed with approved water proofing compound filling up to half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer, joining of brick bats with C.M. 1:3 and mixed with approved waterproofing compound & finally top finishing with average 20mm thick layer of same mortar add with jute fibre at 1Kg Per bag including finishing the surface, smooth with cement slurry & mixed with approved water proofing compound, making the finished surface with false squares of 30cmX30cm, making the junctions at the parapets rounded & tapered towards top for required ht. With drip mould at the junction of plaster & curing etc. complete. With guarantee of 7-years. As directed by Engineer-in-charge.	275.00	510.00	Sqm	140,250.00
26	Providing and finishing the terrace slab/ sloping slab integrally mixed with water proofing compound in c.m.1:3 with 12 mm thick layer including curing, finishing using waterproof compound of fosroc chemical India Ltd. Made complast or nitobond at the rate of 150ml per bag				

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	of cement etc. complete.	225.00	86.00	Sqm	19,350.00
27	Providing & applying white/ colour wash of approved colour & shade in 3-coats to new surface including scaffolding brushing & brooming down (excluding base coat of white wash) etc. complete.	2,105.00	27.00	Sqm	56,835.00
28	Providing and applying 3-coats of waterproof cement paint of sandtex matt manufacture & of approved colour to the plastered surfaces including scaffolding if necessary, cleaning & preparing the surfaces watering for 2-days complete.	2,050.00	42.00	Sqm	86,100.00
29	Providing and applying 3 coats of flat oil paint of approved colour to the iron work including scaffolding, if necessary, cleaning and preparing surface complete.	395.00	65.00	sqm	25,675.00
30	Providing & constructing Brick Masonary Inspection Chamber 90cm X 45cm X 60cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonary, plastering from inside and airtight with 75mm thick R.C.C. cover etc. complete.	12.00	3,600.00	No.	43,200.00
31	Providing and fixing 160 mm dia C.I. Rain Water Pipes with lugs including rain water receiving recess with cast iron grating necessary fitting such as bends, offsets and shoe and painting with oil paint complete.	160.00	520.00	Rmt.	83,200.00
32	Providing & fixing on walls/ceiling/floor 25mm dia. heavy grade(type) having embossed as ISI mark galvanised iron pipes with screwed, sockets, joints & necessary galvanised fittings such as sockets, back nuts, elbows, bends, tees, reducers, enlargers, plugs, clamps etc. including necessary drilling holes in walls, slabs etc. & remaking good the demolished portion to restore the same in original condition neatly & providing & applying anticorrosive primer oil paint & 2 coats of oil painting complete.	125.00	170.00	Rmt	21,250.00
33	Providing & fixing on walls/ceiling/floor 20mm dia. Heavy grade (type) having embossed as ISI mark galvanised iron pipes with screwed, sockets, back nuts, elbows, bends tees, reducers, enlargers, plugs, clamps etc. including necessary drilling holes in wall, slab etc. & remaking good the demolished portion to restore the same in original condition neatr & providing & applying anticorrosive primer oil paint & 2 coats of oil painting complete.	435.00	185.00	Rmt	80,475.00
34	Providing and fixing screw down for 20 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete.	12.00	1,200.00	No.	14,400.00
35	Providing and fixing screw down for 25 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete.	6.00	1,000.00	No.	6,000.00

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36	Providing and fixing orissa type white glazed earthenware WC pan including trap C.I. soil and vent pipe upto the out side face of the wall including 100mm dia. plug bend 15mm thick 10 litres capacity C.I. high level flushing cistern with fittings inlet pipes with stop tap, brackets, 32mm dia. G. I. pipe "C" class flush pipe with fittings and clamps 32mm dia. G. I. pipe over flow pipe with mosquito proof coupling, G. I. Chain and pull, making good the walls and floors etc. complete.	4.00	9,500.00	No	38,000.00
37	Providing and fixing European type white glazed earthenware WC pan including trap C.I. soil and vent pipe upto the out side face of the wall including 100mm dia. plug bend 15mm thick 10 litres capacity C.I. high level flushing cistern with fittings inlet pipes with stop tap, brackets, 32mm dia. G. I. pipe "C" class flush pipe with fittings and clamps 32mm dia. G. I. pipe over flow pipe with mosquito proof coupling, G. I. Chain and pull, making good the walls and floors etc. complete.	6.00	10,000.00	No	60,000.00
38	Providing, laying & fixing P.V.C. soil/vent/waste pipe of 100mm dia. with fitting such as bends, tees, reducers, clamps, cowl dome etc. including necessary excavation, cutting etc. complete.	25.00	205.00	Rmt	5,125.00
39	Providing and fixing Towel Rod in Toilets.	12.00	1,500.00	No	18,000.00
40	Providing and fixing 10cm C.I. Nahani Trap including C.I. grating, bend and pipe upto the outside face of the wall complete.	12.00	300.00	No	3,600.00
41	Providing & fixing white glazed earthenware wash hand basin of 45cm X 30cm size including cold water pillar tap/cold & hot water pillar tap bracket, rubber plugs & brass chain, stop tap & necessary pipe connection including lead waste pipe & trap upto the out side face of the wall.	6.00	5,600.00	No	33,600.00
42	Providing and laying concrete pipes of I.S. Np2 Class of 150 mm dia. In proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench complete.	60.00	300.00	Rmt	18,000.00
43	Providing and fixing 15 X 10 cm salt glazed stoneware gully trap in cement concrete 1:4:8 outside the building including C.I. grating in the sink, connecting glazed stoneware pipe, brick masonry chamber with C.I. lid and C.I. grating for the gully trap.	25.00	850.00	No.	21,250.00
44	Providing & fixing in position Kitchen platform with granite top finished including moulding, chamfering with base of kadappa, steel kitchen sink etc. complete.	3.00	85,000.00	No.	255,000.00
45	Providing & Fixing good quality Glaze tiles dado in bathroom, toilet & kitchen on plaster of 1:4 cement mortar complete.	225.00	1,600.00	Sqm	360,000.00

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46	Providing & Fixing bib cock, pillar cock, stop cock, wall mixer in bath room & kitchen.	18.00	3,500.00	No.	63,000.00
47	Providing and fixing sintex made heavy grade over head water tank of 1000 litre capacity including fixtures & fastenings etc complete.	6,000.00	15.00	Litre	90,000.00
48	Supplying and fixing in position allumi-nium extruded section two/Three track sliding window with powder coating outer frame made from section of overall size 62mm X 45mm bottom section with drain section weighting 0.90 kg. Per meter and top and side section weighting 0.838 kg. Per running meter with shutter or section made of required size with 6mm modi made plain sheet glass fixed with new neoprene gasket shutters to be provided with nylon encased stainless roller, necessary locks and handles	295.00	2,250.00	Sqm	663,750.00
49	<b>Electrification</b> - cancelled Wiring . Fixing Switche. Boards of ISI mark a per Designer / Engineer / Architect Consultation.		300,000.00	lumsun	300,000.00
50	Laying of Paving Blocks in side margins of bungalows		400,000.00	lumsun	400,000.00
51	Entrance Gate		25,000.00	lumsun	25,000.00
52	Providing and fixing sintex made heavy grade underground water tank capacity including fixtures & fastenings etc complete.	7,500.00	19.00	Litre	142,500.00
53	Providing II <sup>nd</sup> class B. B. masonry with conventional/IS type bricks of 230mm thick in cm 1:6 in superstructure including striking joints. raking out joints, watering and scaffolding etc. complete. For compound wa	230.00	1,420.00	Cum	326,600.00
Total Value of Rs. :-					9,827,665.00
Total Value of Rs. :-					
<b>(Rupees Ninty Eight Lacs Twenty Seven Thousand Six Hundred Sixty Five only)</b>					

  
Engineer / Architect Name &  
Registration no.

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