

Name of work - Proposed Schedule Quantities Of Construction Of
RESIDENTIAL BUNGLOW G.F. + 1. Of Shri KASHINATH REVANAPPA TODKAR. is in
C.T.S.NO.215. A/P-Dhodambe, Tal-Chandwad, Dist- Nashik

ESTIMATE

S. NO	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	Amount
1.00	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. With Lift upto 1.5 m.	27.00	Cu. M	300.00	8100.00
2.00	Providing and laying in situ cement concrete in 1:5:10 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)	2.47	Cu. M	1500.00	3705.00
3.00	Providing and laying in situ cement concrete of M-15 grade of trap / granite / quartzite / gneiss metal for R.C.C. work in foundations like raft, storage tank, 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)	5.53	Cu. M	12000.00	66360.00



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4	Providing and casting in situ cement concrete of M-15 grade of trap granite / quartzite / gneiss metal for R.C.C. Plinthbeams as per detailed designs and drawings or as directed including 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)	7.88	Cu.M.	6500.00	51220.00
5	Providing and casting in situ cement concrete of M-15 grade of trap granite / quartzite / gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including 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)	13.53	Cu. M.	9000.00	121770.00
6	Filling in plinth and floors with approved excavated materials in 15 cm to 20 cm layers including watering and compaction complete.	40.59	Cu.M.	250.00	10147.50
7	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.	4.60	Cu.M.	500.00	2300.00
8	Providing dry trap / granite / quartzite / gneiss rubble stone soing 15 cm to 20 cm thick including hand packing and compacting complete	12.44	Cu.M.	1500.00	18660.00



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9	Providing soling using 80 mm size trap metal in 15 cm layer including filling voids with sand / grit ramming, watering complete. Additional item Spec. No. As directed by Engineer-in-charge.	9.25	Cu.M.	2000.00	18500.00
10	Providing Bricks masonry in cement mortar 1:6 using Second class burnt bricks in superstructure, as backing in composite masonry including scaffolding, raking out joints and watering complete.	65.28	Cum.	6000.00	391680.00
11	Providing and casting in situ cement concrete of M-15 grade of trap granite / quartzite / gneiss metal for R.C. slabs and landings as per detailed designs and drawings or as directed including 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)	13.53	Cu.M.	10000.00	135300.00
12	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:3 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing complete.	648.00	Sqm.	350.00	226800.00
13	Providing sand faced 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.	236.80	Sqm.	500.00	118400.00


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19	Providing and fixing in position Aluminium louvered windows / ventilators of various sizes with powder coating as per detailed drawings and specifications including aluminium frames 80 x 38 mm box type, 5 mm thick sheet glass louvers, clips / rubber plain P.V.C. gaskets of approved quality etc. complete. (Sample to be got approved from Exe. Engineer before use) Spec. No. As directed by Engineer in charge.	32.00	Sqm.	2700.00	85400.00
20	Providing and laying Stone Flooring of required width in plain / diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.	63.00	Sqm.	700.00	44100.00
21	Providing and laying white tiles of 148.5mm x 148.5mm in size and 5.5mm to 6.6mm thick for flooring in required position laid on bed of 1:6 C.M. / (1:1 lime mortar) including neat cement float, filling joints with neat white cement slurry, curing & cleaning complete. (excluding all specials required like round edge tiles, corner, cups etc.)	42.00	Sqm.	750.00	31500.00
22	Providing and laying polished Granite stone 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 and cleaning complete.	8.85	Sqm.	2500.00	22125.00
23	Providing and laying Spartex Flooring Tiles 800 mm to 1600 mm 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 and cleaning complete.	242.00	Sqm.	900.00	217800.00
24	Providing and fixing Indian type & Western Type Cammode white glazed earthenware 625 mm W.C. pan including trap white earthenware foot, recast iron soil and vent pipes up to the outside face of the wall 1:2 lime concrete 1:5:10 C.C. bedding 10 liters C.I. high level flushing cistern with fitting intel pipe with stop top bracket for fixing the cistern 30mm dia lead flush pipe with filling and cistern 20mm dia G.I. overflow pipe with mosquito proof, coupling, galvanized of the cistern and exposed pipes and cutting and making good walls and floors	3.00	NO.	7500.00	22500.00


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25	Providing and fixing white glazed earthenware wash hand basin of size 45cm x 30cm including cold water tap / cold and hot water pillar tap brackets rubber plugs and necessary pipe connection including lead water pipe and trap up to the outside face of wall.	3.00	NO.	3500.00	10500.00
26	Providing and construction Brick Masonry inspection chamber 60mm x 45mm and 60mm including 1.4 cement concrete foundation 1.2, 4 cement concrete channels half round G.S.W. pipes, brick masonry, plastering from inside and airtight C.I lid with frame fixed in cement concrete	3.00	Job	2500	7500.00
27	Providing and constructing Septic Tank of specified size as per detailed drawing etc. complete.	1.00	Job	25000	25000.00
28	Providing and casting in and cement concrete of M-15 grade of trap granite / quartzite / gneiss metal for R.C.C. slabs/porch and landings as per detailed designs and drawings or as directed including 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	1.00	Job	50000	50000.00
29	Providing and applying priming coat over new steel and other metal surfaces including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and scoured with wire brushes, fine steel wool, scrapers and sand paper, scaffolding etc. complete.	5.00	Sqm.	50.00	250.00
30	Providing and applying 3 coats of lead / zinc base oil paint / bituminous paint of approved colour and shade to new wood work and fibre boards including preparing the surface, knotting, scaffolding if necessary excluding primer coat complete.	12.30	Sqm.	500.00	6150.00

31	Providing and applying white-wash in one coat on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing & brooming down complete. Spec. No. : Bd.P. 1 Page No. 411	236.80	Sqm.	250.00	59200.00
32	Providing and applying primer coat for internal wall surfaces and ceilings including scaffolding etc. complete. Spec. No. : AS directed by Engineer in charge.	648.00	Sqm.	95.00	61560.00
33	Providing and applying washable oil-bound distemper of approved colour and shade to old and new surfaces in three coats including scaffolding, preparing the surfaces.	712.00	Sqm.	350.00	249200.00

Pavani

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34	Providing and applying two coats of water proof acytric paint of approved manufacture and of approved colour to the plastered surfaces including scaffolding if necessary, excluding primer coat cleaning and preparing the surface, watering for two days complete. (Sample and brand is to be got approved from Executive Engineer before use)	236.80	Sqm.	350.00	82880.00
35	Excavation for catch/ side water gutter in soft rock strata by manually to the specified section including stacking the excavated stuff in a regular bund and disposing of unsuitable or excess stuff upto a lead of 50m. as directed. Spec.No. : Rd.9 Page No. 187	1.56	Cu.M.	650.00	1014.00
36	Providing and fixing superior indian teak wood frame 60mm x 100mm for first class door/windows without/with ventilator including all moulding chamfering rounding rebating hold fast and finishing with one coat of primer complete	2.30	Sqm.	4700.00	10810.00
37	G.I.Pipe (B-Grade)				
	15mm	8.00	Rm.	150.00	1200.00
	25mm	9.00	Rm.	220.00	1980.00
	40mm	8.00	Rm.	350.00	2800.00
38	AC Rain Water Pipe	20.00	Rm.	150.00	3000.00
	Total Amount				2613631.50
	3% Congencies				78408.95
	3% Arch. Fees				26136.32
	1.5% Struct. Design Fees				39204.47
	3% Supervision Charges				78408.95
	3% W.S. & Sanitary Charges				78408.95
	Grant Total Amount in Rs.				2914199.12
(In Words :Rs.TWENTY NINE LAKHS FOURTEEN THOUSAND ONE HUNDRED NINTY NINE ONLY)					

Pawar

Signature of the Engineer
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