

Construction of Model AWC BUILDONG AT KANTABAHAL

Sl.No	Item of Work	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead of 50m. and 1.5m. initial lift including rough dressing and leveling the bed as directed by the Engineer-in-charge.	94.773	cum	211.00	19997.00
2	Filling in Foundation and plinth with sand well watered and rammed including cost carriage and royalty of materials etc. complete as per the direction Engineer-in-charge	50.400	cum	1,107.00	55793.00
3	Cement Concrete (1:3:6) with 4cm .. Size H.G.C.B metal including cost ,carriage & royalty of materials etc complete as per the direction Engineer-in-charge	23.900	cum	6,401.30	152991.00
4	C.C. (1:2:4) with 12 mm and down grade C.B. Chips approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and including cost ,carriage, royalty ,cost of all labour T&P complete as per the directed by E.I.C	3.258	cum	7,878.60	25668.00
5	Brick masonry work with Fly Ash bricks in cement mortar(1:6) F&P including cost , carriage and royalty of materials etc. complete as per the direction Engineer-in-charge.	31.809	cum	5,542.20	176292.00
6	Brick masonry work with Fly Ash bricks in cement mortar(1:6) super structure including cost , carriage and royalty of materials etc. complete as per the direction Engineer-in-charge.	45.900	cum	5,575.50	255915.00
7	Brick masonry work with Fly Ash bricks in cement mortar(1:4) super structure including cost , carriage and royalty of materials etc. complete as per the direction Engineer-in-charge.	3.000	cum	5,820.70	17462.00
8	RCC work of M20 grade with 20mm and down grade black hard granite (Crusher Broken) chips including hoisting and laying royalty of materials etc. complete as per the direction Engineer-in-charge	34.100	cum	6,873.40	234383.00
9	Providing M.S. Reinforcement for R.C.C work including cutting ,bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel .etc. complete.	35.506	Qtl	8,875.70	315141.00
10	Rigid smooth centering and shuttering for RCC work including false work and dismantling them after casting.				0.00
	(a). Column base footing	12.100	SQM	234.90	2842.00
	(b) Plinth band	20.500	SQM	234.90	4815.00
	(c). Lintel band	30.400	SQM	529.80	16106.00
	(d) Beam and column	47.900	SQM	1,022.60	48983.00
	(e). Roof slab , chajja	138.000	SQM	677.60	93509.00



11	12 mm thick cement plaster with cement mortar (1:6) over brickwork including including cost carriage & royalty of materials etc. complete as per the direction Engineer-in-charge	258.90	SQM	163.80	42408.00
12	16 mm thick cement plaster with cement mortar (1:6) over brickwork including including cost carriage & royalty of materials etc. complete as per the direction Engineer-in-charge	358.50	SQM	231.70	83064.00
13	6 mm thick cement plaster (1:4) to RCC surface finished smooth including closed deep chipping and slury treatment, watering, curing cost carriage,royalty and taxes of all materials, costof all labour T&P etc complete as per the directed by E.I.C	93.700	SQM	177.20	16604.00
14	Supplying, fitting and fixing vitrified tile (Printed) in floors of size 600mm*600mmm of approved make conformaing to IS:13755 laid on 20 mm thick cement mortar (1:4)(1 cement :4 course sand) and filling joints with white cement of approved quality including cost of all material, labours T&P etc. required for the work all complete as per direction of E.I.C (for new work only)	69.000	SQM	1174.10	81013.00
15	Fixing Vitrified tiles (size 600mm *600 mm) (printed) in dados skirting and riser of steps on 12 mm thicks cement plaster (1:3) jointed with the neat cement slurry mixed with pigments to match the shade of tils including cost,carriage, cost of allthe labouretc. complete.	7.700	SQM	1280.60	9861.00
16	Fixing glazed tiles (20cm*30cm /20cm*20cm special plain /printed series ceramic wall tile of premrium grade having thickness 6.5 mm to 6.7 mm confirming to IS13753) in dados skirting and riser of steps on 12 mm thicks cement plaster(1:3) joined with neat cement slurry mixed with pigments to match the shades of the tiles including cost of tiles.	26.300	SQM	943.10	24804.00
17	Fixing glazed tiles (30cm*30cm /40cm*40cm special plain /printed series ceramic tiles of premium grade having thickness 7 mm to 8 mm confirming to IS13755) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement :4 sand) joined with neat cement slurry mixed with pigments to match the shades of the tiles including cost of tiles.	3.600	SQM	888.70	3199.00
18	Supplying, fitting and fixing vitrified tile in floors of size 300mm*300mmm of approved make conformaing to IS: 4457 laid on 12 thick cement mortar (1:4)(1 cement :4 course sand) and filling joints with white cement of approved quality including cost cost of all materials labour T&P etc. required for the thework complete as per direction of E.I.C.(for new work only)	6.300	SQM	1037.80	6538.00



19	Supplying, fitting and fixing vitrified tile in dados of size 300mm*300mm of approved make conforming to IS: 4457 laid on 12 thick cement mortar (1:3)(1 cement :3course sand) and filling joints with white cement of approved quality including cost ,cost of all materials labour T&P etc. required for the required for the the work complete as per direction of E.I.C.(for new work only)	2.700	SQM	1144.20	3089.00
20	Fixing Granite tiles above 0.40 Sqm. in floorstreads or steps and on 20 mm thick bed of cement mortar 1:4 (1 cement:4 sand) jointed with neat cementslury mixed with pigment to match the shades of the tiles including cost,carriage ,royalty & taxes of allmaterials, cost of all labour T&P etc complete.	3.300	SQM	2803.80	9253.00
21	2.5cm thick grading concrete (1:2:2) on roof slab with 6 mm size hard crusher broken granite chips on new work including watering curing cost of all materials, water-proofing compounds ,T&P required for the new work only.	105.100	SQM	363.20	38172.00
22	Priming 1 coat to M.S. Doors and windows includinga all labour ,materials,T&P etc. complete.	14.200	SQM	61.10	868.00
23	Painting 2 coats with any approved paint in iron worksincluding sand papering ,polishing surfaces,cost of paints ,cost of all labour,T&P, etc complete in all floors as per direction E.I.C.	14.200	SQM	152.60	2167.00
24	Finishing surfaces of walls with cement based wall putty & making smooth to recive painting including cost of scaffolding etc. with cost of all materials ,labour T&P etc.complete.	453.700	SQM	76.80	34844.00
25	Priming 1 coat with wall primer water bond cementprimer includinga all labour ,materials,T&P etc. complete.	677.100	SQM	66.80	45230.00
26	Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats to give an even shadeincluding cost of weather coat of all labours and T&P etc. complete.	353.000	SQM	82.20	29017.00
27	Wall painting 2 coats with plastic emulsion paint of approved shade on new work togive an even shade including cost of paint etc complete.	324.100	SQM	89.10	28877.00
28	Supplying, fitting and fixing of 32 mm thick flush door shutter with approvd quality of 30 mm thicks BWR block board pasted with 1mm thick sunmica on both side of approved design andquality including cost of all door fittings and fixtures etc. complete.	10.500	SQM	10775.30	113141.00
29	Supplying, fitting and fixing of two track UPVC sliding window of approvdmake of 6 mm thicks glass of approved quality complete with frame ,shutters all fittingsand fixtures.	10.440	SQM	5010.60	52311.00
30	Supplying of M.S sheet and angel welded doors and windows with all fittings of approved design sizeat worksite including all cost of materials ,loading,unloading ,transporting charges & priming one coat with approved primer etc complete.	230.300	KG	57.60	13265.00

	FRP Door D3	3.150	SQM	2000.00	6300.00
	WPC chokath with any approved quality including fitting & fixing in position complete.(Section : 10cm x 7.5cm)	26.000	RMT	600.00	15600.00
31	Fitting ,fixing of iron doors /windows shutter with frame of approved design and size with all labour and T&P required for theworketc completeas per direction of the Engineer-in-charge.	7.100	SQM	94.30	670.00
32	Supplying and fixing of 60 mm thick cement concrete interlocking paver block M-30 gradeof approved make,design ,colour and sizemade by block making machine with proper compaction laid in required patter etc .complete in all respect conforming to IRCSP-63:2018.	12.000	SQM	490.10	5881.00
33	Supplying,fitting andfixing of stainless steel of 04 grade in hand ralling using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32mm*32mm*2 mm @0.90 mtr c/c and stainless aquare pipe bracing of size case as per approved design and specification , buffing,polishing etc. with the cost conveyance taxes of all material , cost of all labour etc. complete in all respect(in all floor).	25.000	KG	290.80	7270.00
34	2.5 cmthick damp proof course in cementconcrete (1:2:4) using 12 mm size hgcb chips with all cost of materials,conveyanc labour ,T&P ETC.complete	20.200	sqm	346.80	7005.00
35	Rlgid smooth centering and shuttering for RCC work including flase work and dismantling them after casting.	9.804	SQM	234.90	2303.00
36	12 mm thick C.P.IN C.M (1:4) over brick masonry to the smooth surface with neat cement punning include watering curing ,cost carriage, royalty, and taxes of all materials ,cost of all labour T&P etc complete as per the direction of Engineer-in-charge	21.012	SQM	186.20	3912.00
37	Applying ll labour &t&p for drilling a perfectly vertical bore of specified dia for a specified depth below ground level through consolidated and unconsolidated rockwith down the hall hammer drilling rigs or combination drilling rigs (650 cfm/2.00 psi) as required tisuit the site condition as per the direction of Engineer- in- charge including use of own rigs with its accessories , tools and plant and consumables etc. for lowering of 125 mm dia PVC/GI pipes for housing fitted with socket and with or without well screen asper the necessaty for soft,medium ,hard and boulder formation (GI/PVC casing pipes if required to prevent collapspse lowering and withdrawing aftercompletion of thetube well).				0.00
	00 mtrto 30.00 mtr	30.000	Each Mtr	680.00	20400.00
	30 mtrto 90.00 mtr	60.000	Each Mtr	560.00	33600.00

38	labour for lowering the 125 mm dia PVC/G.I. Pipes with or without soltted pipes as per thr necessity from ground level and fitted up in perfectly vertical position including cutting and threading pipe and soltted pipe and supplying and fixing all joints materials, tools and plant etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevent entry of foreign materials from above.	30.000	Each Mtr	121.00	3630.00
39	Cleaning and developing the tube well using their own compressor continuously worked till clear and adequate discharge is obtained from the tube wall including supply and use of all necessary equipment and labour as per the direction of Engineer-in-charge.	1.000	No	3622.00	3622.00
40	Cost of submersible Pump 1 HF including all fitting and fixing in position, cost of cable wire, rope wire HDPE, panel board etc. complete.	1.000	No	30000.00	30000.00
				Total	21,97,815.00
				Grand Total	₹ 21,97,815.00

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