

ESTIMATE FOR CONSTRUCTION OF WORKSHOP BUILDING AT KUMARTULI, SILIGURI

SL. NO.	DESCRIPTION OF ITEMS	QUANTY	RATE		UNIT	AMOUNT	
			RS.	P.		RS.	P.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary						
	(a) Depth of excavation not exceeding 1,500 mm.	198.94	73.77		Cu.M.	14675.80	
	(b) Depth of excavation for additional depth beyond 1,500 mm. and upto 3,000 mm. but not requiring shoring .	69.01	118.99		Cu.M.	8211.50	
2	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on						
	(a) With earth obtained from excavation of foundation.	107.35	47.60		Cu.M.	5109.86	
	(iii) With carried earth arranged by the contractor within a radius exceeding 3 km. but not exceeding 5 km. including the cost of carried earth.	142.71	309.07		Cu.M.	44107.38	
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand.	569.14	237.87		Sq.M.	135381.33	
4	Supplying and laying Polythene Sheet (150gm/sq.m.) over damp proof course or below flooring or roof terracing or in foundation trenches.	798.32	17.55		Sq.M.	14010.52	
5	Ordinary cement concrete (mix 3:1.5:1) M-20 with graded stone chips (20 mm. down) excluding shuttering and reinforcement.if any, in ground floor as per IS 456-2000.						
	b) River bazree	146.12	4522.55		Cu.M.	660835.01	
	C) F.Floor (i.c above 4m from PL)	126.09	4581.50		Cu.M.	577681.34	
6 (II)	Cement concrete with 30 mm. down graded shingles excluding shuttering.						
	In ground floor						
	(a) 6:3:1 proportion	91.16	3072.25		Cu.M.	280066.31	
7	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight includin						
	(c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work	547.41	303.85		Sq.M.	166330.53	
	(d) F.Floor	1183.85	315.00		Sq.M.	372912.75	
	(e) Extra for staging beyond 4 m. in any floor (Mode of measurement : Area in plan X mean height of staging upto soffit of shuttering above initial 4 m.)	112.89	51.26		Cu.M.	5786.74	
	(f) 25mm. to 30mm. shuttering without staging in foundation etc.	468.60	163.52		Sq.M.	76625.47	
8	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups,binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and ben						
	(a) For works in foundation, basement and upto roof of ground floor / upto 4m.						
	(i) Tor steel / Mild steel	19.4994	55954.40		M.T.	1091077.23	
	(b) Extra for works beyond the initial 4 m.	16.8275	55984.73		M.T.	942083.04	
9	Brick work with 1st class bricks in cement mortar (6:1)						

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			RS.	P.		RS.	P.
	(a) In foundation and plinth	61.77	3763.40		Cu.M.	232465.22	
11	Artificial stone in floor, dado, staircase etc. with cement concrete (4:2:1) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rou In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement.						
	(iii) 35 mm. thick	620.00	267.76		Sq.M.	166011.20	
12	25mm. thick damp proof course with cement concrete with stone chips (4:2:1) and admixture of water proofing compound as per manufacturer's specification over a coat of polymer based paint, double chequered complete as directed (cost of water proofing comp						
		92.44	164.53		Sq.M.	15209.15	
13	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or rougening of concrete surface, including throating, nosing and drip course where necessary (ground floor)						
	(i) With 6:1 cement mortar						
	(b) 20 mm. thick plaster	149.95	119.04		Sq.M.	17850.05	
14	Neat cement punning about 1.5 mm. thick in wall, dado, window, sills, floor, drain etc.	149.95	28.51		Sq.M.	4275.07	
	NOTE : Cement 0.152 cu.m. per 100 sq.m.						
TOTAL Rs.						4830705.50	