



S. No. :

Date :

DETAILED ESTIMATE OF PROPOSED COMMERCIAL BUILDING OF SH. SANJAY SINGHAL S/O SH. RAMESH SINGHAL , KHASRA NO- 105 MI SITUATED AT MOH-NEHRU NAGAR GRAM- SHEKHPURI , ROORKEE , (UNDER NAGAR NIGAM ROORKEE) PARGANA & TEHSIL- ROORKEE ,					
		GROUND FLOOR			
		FIRST FLOOR			
		SECOND FLOOR			
		MUMTY FLOOR			
SR · N O.	Description of item	UNITS	quantity	RATE RS. PER	AMOUNT RUPEES
1	excavation of foundation in ordinary soil inclu. Filling of excavated earth in trenches & inclu. Cost of labor T&P etc .	cu . Mt	500	30	15000
2	P&L 1:6:12 cement concrete foundation with 1 part cement 6 parts coarse sand & 12 parts stone aggregate as base conc. Including cost of material . Labour T&P etc.	cu.mts	462	1710	790020
3	P&L 1st class brickwork in foundation 1:6 cement mortar , 1 part cement and 6 parts coarse sand inclu. Cost of material labor T&P etc.	cu.mts	386.4	2117	818008.8
4	P&L D.P.C. at plinth level with 1:2:4 cement mortar , 1 part cement and 2 part coarse sand & 4 part stone . Aggregate with 2% water proof compound complete.	sq. mts	70	105	7350
5	P&L first class brick work super structure in 1:6 cement mortar as 1 part cement 6 parts coarse sand inclu. Cost of material shuttring material , labour , T&P etc. required .	cu.mts	2898	2117	6135066
6	P&L R.C.C at plinth beam & door bend in 1:2:4 as 1 part cement 2 parts coarse sand and 4 parts stone aggregate inclu. Cost of material labour shuttring centering etc . Required but exclu. Cost of reinforcement	cu.mts	161	3808	613088
7	P&F salwood doors & windows chaukhats fixed include simple moulding material labour T&P etc. required for proper completion of job.	cu.mts	0	42000	0
8	S&F 1.5 inch. Thick sheesham wood door shutters with wooden panel or galvanize iron with beading. Wooden cleats , stopper Hings , bolts locks , handles , spring etc . Required for completion of job.	sq. mts	20	5000	100000
9	S&F 1 1/3" thick shutters same as item no.16 but in window & ventilator .	sq. mts	25	4000	100000

10	P&F M.S grill at windows using M.S plate 40 x 6mm. As per design include . Cost of material cutting, welding , sewer & fixing at site . (P.W.D spec. no. 10.9 (b))	sq. mts	11.5	983	11304.5
11	P&L R.C.C in roof slab (same as item no. 6)	cu.mts	250	3150	787500
12	P&L sand at flooring includes cost material watering and compaction the surface	cu.mts	0	282	0
13	P&L 4 cm . Thick 1:2:4 plain cement concrete flooring with 1 part cement 2 part coarse sand 4 parts 3/4" craded stone balllast with 3mm. Flooring coat of next cement including Base concrete in 1:4:8 as 1 part 4 parts coarse sand & 8 part brick ballast of 4 cm. gauge include. cost of material labour T & P (P.w.D . spec no.- 14.9.1)	sq. mts	0	234	0
14	P&L granolithic marble chips of 3 mm . Gauge mixed in 4:7 ratio and cutting of floor of include . Finishing by French mansion polish & inclu. 1:5:10 base concrete complete .	sq. mts	0	432	0
15	Granolithic marbles dodo same as item no.- 15 (P.W.D. spec. no.- 14.9,1)	sq. mts	0	256	0
16	P&L Travertine Flooring stone flooring fixed with 1.2 cement & coarse sand mortar & finished with white cement include cost of cutting & finished with french mansion polish inclu. Cost of 1:5:10 base concrete	sq. mts	1000	1700	1700000
17	S&F 6 mm china white glazed tiles 1st class 4" x 4" size with 1:3 cement & coarsse sand mortar finished with white cement slirry jointing & polishing complete	sq. mts	100	3000	300000
18	P&F glass strips 5 mm . Thick in joint of at the time of lying of floors complete . (P.W.D. spec. no.- 14. 12.2 (C))	r. mts	0	14	0
19	P&L mm. th. Cement plaster in 1:3 mortar as 1 part cement 3 parts coarse sand over ceiling and R.C.C. job include supply of all material , labour T&P etc. required (P.W.D. spec. no. 13.5.4)	sq. mts	6000	185.2	1111200
20	P&L 12mm. Th. Cement plaster in 1:5 mortar at bricks works(same as item no.20) (P.W.D spec. no. 13.5.5) .	sq. mts	6000	160.4	962400
21	P&L whitewash 3 coats at walls and ceiling include cost of labour etc. (P.W.D spec. no. 16.1.1 & 16.1.2) .	sq. mts	1000	4	4000
22	P&L one priming coat & two coat of dry distemper on new work include . Cost of material labour T&P etc. Required for proper completion of job. (P.W.D. spec. no. 16.4.1.& 16.4.2)	sq. mts	6000	70	420000
23	Painting over new iron / wood work with one cost of priming paint & two cost of ready mixed paint include . Cost of material labour T&P etc.required for proper completion of job. (P.W.D spec . No.15.1.1& 15.1. 2)	sq. mts	550	47	25850



24	P&L bricks in 1:3 cement mortar over R.C.C slab of stair cash steps complete . (treads & rises)	each	240	3000	720000
25	P&L M.S reinforcement as R.C.C work wrought to required shapes as necessary inclu. Cost of material labour T&P required	qtls	400	7500	3000000
26	P&L one layer of tar felt giving one coat of mastic paints on bottom & top of tar feltinclu. Cost of material , labour , T&P required (P.W.d. spec. no. 549).	sq. mts	0	75	0
27	100 m.m thick mud phaska of damped earth roof laid in slab & fixing of 1st class brick tiles with mud moter finishe din 1:3 cement marter complete job.	sq. mts	85.75	160	13720
28	P&F commerical board shutters at wardrobe inclu. Cost of cleats, curtain rod fixing at site complete	sq. mts	0	2060	0
29	P&L F 9" wide palmate of commerical ply including cost of clasts , curraian rod fiixing at site complete job.	sq. mts	0	1985	0
30	P&F M.S railing at stair case & terrace jal at open space using M.S flate 40x6 mm . & 20 mm square bar and 50 mm pipe at top include , cost of material .cutting , welding & one coat of red oxide primer & fixing at site .	sq. mts	35	1170	40950
31	5 cm thick roof finish with 1:1.5:3 cement coarse sand 20mm stone ballest with water proofing compound & chicken wire mesh T&P etc. required for proper completionmof the work .	sq. mts	96	231	22176
32	SS AILING IN FRONT BALCONY	sq. mts	L.S.	0	150000
33	P&L R.C.C. in column over same as item	cu.mts	750	2513	1884750
34	P&L R.C.C. in column & beams same as item	cu.mts	750	3555	2666250
35	P&F jet pump / submersible pump with motor & pipe fitting complete job.				0
36	OPEN AREA	sq. mts	0	900	0
37	TANK ON TERRACE (sintex tank)		L.S.		25000
38	SEPTIC TANK		L.S.		20000
39	SOIL FILLING				85000
40	WATER PROOFING TREATMENT				25000
41	Toilet fitting (Jaquar)				250000
42	False ceiling work as per the architectural drawings and direction of engineers in change both floors	sq. mts	1000	1800	1800000
43	Wooden Modular kitchen	sq. mts			
44	Wooden almira in all room	sq. mts	25	4000	0
45			TOTAL		24603633
46	Add. For Electrification (havells fitting) , sanitation & water supply @ 20% of cost of construction		Rs.		4920726.7
47	Add. For contingencies & escalation @2%		Rs.		492072.67
			Total Rs.		25095706
	1) . This is the certify that the estimate of above mentioned construction is of Rs 2,50,95,700/-				
			say		2,50,95,700/-
Rs Two crore Fifty Lacs ninty five Thousand seven hundred Only					
PLACE - ROORKEE					

