

DETAILED AND ABSTRACT ESTIMATE

NAME OF WORK:

Detailed and abstract estimate for the proposed Metal sheet roof construction of Automobile Showrooms for Commercial Building in Old S.No.33/12 & 33/4B1, New S.No.33/12E & 33/4B1B, Patta No.596 & 683, Ward No.9, Nerungipatti, Vellakkalpatti Village, Vellakkalpatti Panchayat, Omalur -Tk, Salem -Dt.

NAME OF OWNER

Mr. V. Krishnan S/o. Vellaiyagoundar (Late)

Sl. No.	Details of work	Nos	Measurement			Total area / Content	Units	Rate Rs.	Per	Amount Rs.
			L	B	D					
1	Earthwork excavation in all classes of soil including lead and lift for foundation.									
	For Column footing	13	1.37	1.52	2.13	57.66	Cum			
	Plinth beam	1	48.61	0.23	0.40	4.47	Cum			
	Plinth beam	1	11.41	0.12	0.30	0.39	Cum			
						62.52	Cum	500	Cum	31260
2	M sand filling									
	For Column footing	13	1.37	1.52	0.1	2.71	Cum			
						2.71	Cum	1500	Cum	4065
3	Foundation bed concrete in c.c. 1:5:10 mix									
	Footing									
	For Column footing	13	1.37	1.52	0.15	4.06	Cum			
						4.06	Cum	4500	Cum	18270
4	R.C.C work in 1:1.5:3 mix									
	For Footing	13	1.22	1.37	0.415	9.02	Cum			
	For Column	13	0.23	0.23	1.35	0.93	Cum			
	Plinth beam	1	48.61	0.23	0.40	4.47	Cum			
	Plinth beam	1	11.41	0.12	0.30	0.39	Cum			
	Lintel beam above opening									
	M.D - Main door	1	1.82	0.23	0.20	0.08	Cum			
	D - Door	2	1.06	0.23	0.15	0.07	Cum			
	W - Window	8	2.13	0.23	0.20	0.78	Cum			
	V- Ventilator	2	1.20	0.23	0.15	0.08	Cum			
						15.82	Cum	7000	Cum	110740
5	Super structure of Brick work in c.m 1:5 mix.									
	Wall all-round	1	50.68	0.23	6.67	77.75	Cum			
	Wall all-round	1	10.30	0.23	4.92	11.66	Cum			
	Cross wall	1	1.80	0.12	3.08	0.64	Cum			
						90.05	Cum			

Sl. No.	Details of work	Nos	Measurement			Total area / Content	Units	Rate Rs.	Per	Amount Rs.
			L	B	D					
	Deduction for openings :									
	M.D - Main door	1	1.52	0.23	2.13	0.74	Cum			
	D - Door	2	0.76	0.23	2.13	0.74	Cum			
	W - Window	8	1.83	0.23	1.37	4.61	Cum			
	V- Ventilator	2	0.90	0.23	0.61	0.25	Cum			
						6.34	Cum			
	Net Brick,work quantity		90.05	-	6.34	83.71	Cum	4400	Cum	368324
6	Supplying and filling of soil in basement including watering, ramming and consolidation etc.									
	Show room	1	12.84	9.04	0.50	58.04	Cum			
	Show room	1	11.84	3.00	0.50	17.76	Cum			
	Toilet	1	1.83	1.32	0.50	1.21	Cum			
	Toilet	1	1.83	1.37	0.50	1.25	Cum			
						78.26	Cum	500	Cum	39130
7	Supplying and fixing of metal sheet roof over steel purlin, OWG and steel column									
	Building outer G.F	1	13.3	12.5		166.25	Sqm			
	Less	1	1.00	3.00		-3.00	Sqm			
	Building outer G.F	1	2.29	3.32		7.60	Sqm			
						170.85	Sqm	1050	Sqm	179393
8	Supplying and fixing of Steel door, window and ventilator in position including all fittings etc.,									
	M.D - Main door	1	1.52		2.13	3.24	Sqm			
	D - Door	2	0.76		2.13	3.24	Sqm			
	W - Window	8	1.83		1.37	20.06	Sqm			
	V- Ventilator	2	0.90		0.61	1.10	Sqm			
						27.64	Sqm	2800	Sqm	77392
9	Wall plastering in c.m 1:5 mix.									
	Inside :									
	Show room	1	31.92		6.07	193.75	Sqm			
	Show room	1	17.84		6.07	108.29	Sqm			
	Toilet	1	6.30		4.32	27.22	Sqm			
	Toilet	1	6.39		4.32	27.60	Sqm			
	Outside									
	Walls outside	1	51.6		6.67	344.17	Sqm			
	Walls outside	1	11.22		4.92	55.20	Sqm			
						756.23	Sqm			
	Deduction for openings					27.64	Sqm			
	Net wall plastering area		756.23	-	27.64	728.59	Sqm	350	Sqm	255007

Sl. No.	Details of work	Nos	Measurement			Total area / Content	Units	Rate Rs.	Per	Amount Rs.
			L	B	D					
10	Flooring with c.c. 1:5:10 mix 0.10m Tk and top finished with									
	Show room	1	12.84	9.04		116.07	Sqm			
	Show room	1	11.84	3.00		35.52	Sqm			
	Toilet	1	1.83	1.32		2.42	Sqm			
						154.01	Sqm	1000	Sqm	154010
11	White washing over plastering area									
	As per wall plastering area					728.59	Sqm			
						728.59	Sqm	25	Sqm	18215
12	Painting the door, window and ventilator with good quality of paints two coats over a coat of primer.									
	Door and ventilator		27.64	X	2.50	69.10	Sqm			
						69.10	Sqm	150	Sqm	10365
13	Providing electrical arrangement for light and plug point etc.					L.S				45000
14	Providing plumbing and sanitary arrangement for two numbers European water closet, septic tank and dispersion trench etc.,					Lump sum				100000
15	Supervision, contingencies and unforeseen item add.					Lump sum				60830
									Total Amount Rs.	1472000
	[Rupees Fourteen lakhs and seventy two thousand only]									



ENGINEER

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