

Lt Col B S Dhariwal (Retd)

Degree (Civil), Dip (Mech Engg) MBA, FIV, MIE

Approved Valuer (F-13336)

Regd with IT Deptt

(CC, CHD TECH/Valuer-571/03-04/314)

Chartered Engineer (M-1513529)

KB/CB/2019/23/Est

90, Street Opposite Gurudwara,
Bhakhra Enclave, Sangrur Road,
Patiala - 147 001

26 December 2019

**ESTIMATES FOR COONSTRUCTION OF PART OF SECOND FLOOR AND THIRD FLOOR AT
NAWAB FOUNDATION SCHOOL, VILLAGE : SEKHUPURA, TEHSIL DUDHAN SADHAN,
DISTT : PATIALA**

Estimates

1 Nawaab Foundation School is presently running in a building constructed on a plot of 1.46607 acres. The land has been contributed by Sh. Sukhwinder Bharthi s/o Sh. Balvir Bharthi, Sh. Manjit Singh s/o Sh. Ranjit Singh and Sh. Jasvinder Gir s/o Sh. Madan Gir, who are managing the the school in partnership. out of their personal holding transferred to them vide Deed No. 2019-20/76/1/508 dt 04-09-2019 and Deed No. 2019-20/76/1/510 dt 04-09-2019 registered at Sub Registrar, Tehsil : Dudhan Sadhan, Distt : Patiala. The owner have got the CLU for the agricultural land as transferred above for the running a school. The school is already running in the existing building consisting of Ground and First Floor. The school management plans to expnd the school by construction on Ground, First and Second Floor as per the plan submitted by them. Estimates for cost of construction of the building have been based on CPWD Plinth Area Rates – 2019 and DSR-2018 for upto six storey buildings and where ever specifications of these items vary from the CPWD specification, estimates have been based on the market survey rates. Following items of construction on First Floor and Second Floor have been taken into consideration: -

(a) Ground Floor	-	32.54 sm
(b) First Floor	-	237.06 sm
(c) Second Floor	-	542.34 sm
Total	-	779.40 sm

Cost of Construction

2 Cost of construction will be as follows: -

S. No.	Item	Plinth Area (sm)	Height (m)	Plinth Area Rates (Rs / sm)	Amount (Rs)
(a)	First Floor	237.06	3.35	11620.00	2754637
	Second Floor	514.34	2.35	11620.00	5976631
	Ramp	183.20	2.35	5810.00	1064392
	Total	934.60			9795660
(b)	Add for Services: -				
	Internal Electric installations @ 4.5% of plinth area cost				391826
	Internal W/S and sanitary installations @12% of plinth area cost				1175479
(c)	Total				11362966

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Quantities of Material

3 Based on the cost of construction as above, estimate for quantities and amount required for each item has been based on Annexure-IV of CPWD Plinth Area Rates - 2019.

<u>S. No.</u>	<u>Item</u>	<u>A/U</u>	<u>Qty</u>	<u>Rate</u>	<u>Amount</u>	<u>Remarks</u>
(a)	Bricks	1000 Nos	206.60	4400.00	909037	
(b)	Cement	Qtls	2746.05	600.00	1647630	
(c)	Steel	Qtl	515.30	4300.00	2215778	
(d)	Aggregate 20 mm	Cum	562.74	1312.50	738593	
(e)	Sand	Cum	278.28	1225.00	340889	
(f)	Flooring items	Sqm	737.85	770.00	568148	
(g)	Paints	Ltrs	2378.35	143.33	340889	
(h)	Ply and commercial wood	Sqm	402.01	1978.60	795408	
(j)	Pipes	Mtrs	970.66	292.66	284074	
(k)	Lamps and fans	Each	387.96	1318.00	511333	
(l)	Elect Machinary	Each	10.33	27500.00	284074	
(m)	Wires and cables	100 mtrs	352.34	1290.00	454519	
(n)	Labour	Each	3512.51	647.00	2272593	
TOTAL					11362965	

Say **₹ 113,62,000.00**

Rupees One Crore Thirteen Lakh(s) Sixty Two Thousand Only

4 In view of the above funds required for proposed expansion of the school will be approximately Rs 11362000/- (Rupees One Crore Thirteen Lakh(s) Sixty Two Thousand Only)

5 It is certified that the estimates for construction of the building are strictly according to the plan submitted.



Signature of the Valuer

Date : 26 December 2019

Place : Patiala

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