

CONSTRUCTION ESTIMATE

Project Name:	Smart City Library & Learning Center
Location:	Jaipur
Client:	Municipal Corporation
Engineer:	Er. Priya Sharma
Date:	2025-11-17
Estimated Cost:	₹ 0.00

gen-abstract

		NAME OF WORK :- Construction of Block Le	
GENERAL ABSTRACT OF COST			
	Rs=ROUND(GF1_ABS!G37,0)	PART 'A' CIVIL WORK GROUND FLOOR	
	Rs=ROUND(FF_ABS!G30,0)	PART 'B' CIVIL WORK FIRST FLOOR	
TOTAL Rs.	=SUM(G6:G8)		
	Rs. =ROUND((G10)*0.15,0)	PART 'C' ELECTRIC WORK @ 15% OF Civil	
	Rs. =ROUND(G10*0.03,0)	Add for Contingencies @ 3%	
	Rs. =ROUND(G10*0.01,0)	Add for Quality Assurance @ 1 %	
	Rs. =ROUND(G10*0.02,0)	Add for W.C. Establishment @ 2%	
	75,000.00	Add Lump Sum for Electric Fixtures	
	175,000.00	Add Lump Sum for Furniture	
RAND TOTAL Rs.	=SUM(G10:G22)		
	SAY Rs. =ROUND(G23/100000,2)		
	Lacs.		
ED ENGINEER, ANTS, UDAIPUR			RKS TECHNO-LE

GF1_ABS

Particulars.	Quantity	Rate	Unit	Amount
n excavation by mechanical m	=GF1_MES!K27	Cum	178.00	P Cum
available excavated earth (exclu	=GF1_MES!K33	Cum	64.00	P Cum
and laying in position cement	=GF1_MES!K38	Cum	3,302.00	P Cum
g and laying in position specifi	=GF1_MES!K43	Cum	=4934+69	P Cum
and shuttering with plywood or	=GF1_MES!K47	Sqm	157.00	P Sqm
g and layin in position specific	=GF1_MES!K56	Cum	5,185.00	P Cum
g and laying in position specifi	=GF1_MES!K59	Cum	5,609.00	P Cum
& shuttering with ply wood or				
Suspended floors, roofs,	=GF1_MES!K73	Sqm	340.00	P Sqm
mns, pillars, posts and struts e	=GF1_MES!K77	Sqm	375.00	P Sqm
and fabricating reinforcement	=GF1_MES!K82	Kg	77.00	P Kg
rk with F.P.S. bricks of class d	=GF1_MES!K92	Cum	4,990.00	P Cum
masonry in Superstructure , a	=GF1_MES!K95	Sqm	526.00	P Sqm
ble stone masonry for foundati	=GF1_MES!K97	Cum	2,838.00	P Cum
new surface on walls in cemen	=GF1_MES!K117	Sqm	190.00	=IF(E20>0,ROUNDUP(C20*E20,0),"")
ment plaster to ceiling of mix 1	=GF1_MES!K122	Sqm	139.00	=IF(E21>0,ROUNDUP(C21*E21,0),"")
coves as per design in plaster	=GF1_MES!K126	RM	7.00	=IF(E22>0,ROUNDUP(C22*E22,0),"")
g plaster of Paris or lime putty	=GF1_MES!K129	Sqm	84.00	=IF(E23>0,ROUNDUP(C23*E23,0),"")
g and fixing T-iron/angle iron f	=GF1_MES!K133	Kg	83.00	P Kg
l & fixing steel glazed doors, w	=GF1_MES!K136	Sqm	3,090.00	P Sqm
l and fixing fixed wire gauge of	=GF1_MES!K143	Sqm	617.00	P Sqm
and fixing in cement mortar	=GF1_MES!K158	Kg	81.00	P Kg
factory made solid panel PVC	=GF1_MES!K161	Sqm	3,347.00	P Sqm
and fixing Square bars or othe	=GF1_MES!K140	Kg	65.00	P Kg
Blue Kota Stone flooring skirti	=GF1_MES!K146	Sqm	1,023.00	P Sqm
ble dry stone Kharanja under f	=GF1_MES!K150	Cum	932.00	P Cum
g and fixing 1st quality standar	=GF1_MES!K165	Sqm	674.00	P Sqm
hing with lime to give an even	=GF1_MES!K168	Sqm	11.00	P Sqm
ashing of all shades to give an	=GF1_MES!K172	Sqm	14.00	P Sqm
priming coat with ready mix pin	=GF1_MES!K177	Sqm	29.00	P Sqm
ith enamel paint of approved b	=GF1_MES!K180	Sqm	69.00	P Sqm
		Total	Rs.	=SUM(G1:G36)

GF1_MES

Nos.		Length		Breadth		Height	
2.00	x	6.00					=
2.00	x	15.00					= =
						TOTAL	=
1.00	x	=K11					= =
						TOTAL	=
1.00	x	2.70					= =
1.00	x	1.20					= =
1.00	x	3.60					= =
2.00	x	2.10					= =
						TOTAL	=
8.00	x	2.75	x	2.85	x	1.50	=IF(C24,C
1.00	x	=K11	x	0.90	x	0.90	=IF(C25,C
1.00	x	=K21	x	0.90	x	0.75	=IF(C26,C
				Total			
1.00	x	=E9-0.6	x	=E10-0.6			=IF(C3
		=K30	x	0.45			=
				Total			
1.00	x	=E25	x	=G25	x	0.15	=IF(C35,C
1.00	x	=E26	x	=G26	x	0.15	=IF(C36,C
C24	x	=E24	x	=G24	x	0.30	=IF(C37,C
				Total Qty.			
1.00	x	42.00	x	0.23	x	0.23	=IF(C40,C
4.00	x	2.00	x	2.00	x	0.50	=IF(C41,C

FF_ABS

Particulars.	Quantity		Rate	Unit	Amount
g and layin in position specific	=FF_MESIK56	Cum	5,185.00	P Cum	=C6*E6
g and laying in position specific	=FF_MESIK60	Cum	5,609.00	P Cum	=C7*E7
& shuttering with ply wood or					
Suspended floors, roofs,	=FF_MESIK74	Sqm	340.00	P Sqm	=C9*E9
mns, pillars, posts and struts e	=FF_MESIK78	Sqm	375.00	P Sqm	=C10*E10
and fabricating reinforcement	=FF_MESIK82	Kg	77.00	P Kg	=C11*E11
rk with F.P.S. bricks of class d	=FF_MESIK93	Cum	4,990.00	P Cum	=C12*E12
new surface on walls in cemen	=FF_MESIK112	Sqm	190.00	=IF(C13>0,ROUNDUP(C13*E13,0),"")	
ment plaster to ceiling of mix 1	=FF_MESIK117	Sqm	139.00	=IF(C14>0,ROUNDUP(C14*E14,0),"")	
oooves as per design in plaster	=FF_MESIK121	RM	7.00	=IF(E15>0,ROUNDUP(C15*E15,0),"")	
g plaster of Paris or lime putty	=FF_MESIK124	Sqm	84.00	=IF(C16>0,ROUNDUP(C16*E16,0),"")	
g and fixing T-iron/angle iron f	=FF_MESIK128	Kg	83.00	P Kg	=C17*E17
l & fixing steel glazed doors, w	=FF_MESIK131	Sqm	3,090.00	P Sqm	=C18*E18
l and fixing fixed wire gauge of	=FF_MESIK138	Sqm	617.00	P Sqm	=C19*E19
and fixing Square bars or othe	=FF_MESIK135	Kg	65.00	P Kg	=C20*E20
Blue Kota Stone flooring skirti	=FF_MESIK141	Sqm	1,023.00	P Sqm	=C21*E21
hing with lime to give an even	=FF_MESIK163	Sqm	11.00	P Sqm	=C22*E22
ashing of all shades to give an	=FF_MESIK167	Sqm	14.00	P Sqm	=C23*E23
priming coat with ready mix pin	=FF_MESIK172	Sqm	29.00	P Sqm	=C24*E24
ith enamel paint of approved b	=FF_MESIK175	Sqm	69.00	P Sqm	=C25*E25
ng, hoisting and fixing up to flo					
ruses, copings, bed plates, anc	=FF_MESIK178	Cum	7,030.00	P Cum	=C27*E27
of water proofing treatment w	=FF_MESIK181	Cum	4,483.00	P Cum	=C28*E28
ng batta (gola) 75mm x 7	=FF_MESIK186	Mtr	111.00	P RM	=C29*E29
			Total	Rs.	=SUM(G1:G29)

FF_MES

Nos.		Length		Breadth		Height	
2.00	x	6.00					=
2.00	x	15.00					= =
						TOTAL	=
1.00	x	=K11					= =
						TOTAL	=
1.00	x	2.70					= =
1.00	x	1.20					= =
1.00	x	3.60					= =
2.00	x	2.10					= =
						TOTAL	=
8.00	x	2.75	x	2.85	x	1.50	=IF(C24,C
1.00	x	=K11	x	0.90	x	0.90	=IF(C25,C
1.00	x	=K21	x	0.90	x	0.75	=IF(C26,C
				Total			
1.00	x	=E9-0.6	x	=E10-0.6			=IF(C3
		=K30	x	0.45			=
				Total			
1.00	x	=E25	x	=G25	x	0.15	=IF(C35,C
1.00	x	=E26	x	=G26	x	0.15	=IF(C36,C
C24	x	=E24	x	=G24	x	0.30	=IF(C37,C
				Total Qty.			
1.00	x	42.00	x	0.23	x	0.23	=IF(C40,C
4.00	x	2.00	x	2.00	x	0.50	=IF(C41,C

