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-LEC

GF1_ABS

Particulars.	Quantity		Rate	Unit	Amount		
n excavation by mechanical m	=GF1_MES!K27	Cum	178.00	P Cum	=C6*E6		
vailable excavated earth (exclu	=GF1_MES!K33	Cum	64.00	P Cum	=C7*E7		
and laying in position cement	=GF1_MES!K38	Cum	3,302.00	P Cum	=C8*E8		
g and laying in position specifi	=GF1_MES!K43	Cum	=4934+69	P Cum	=C9*E9		
and shuttering with plywood or	=GF1_MES!K47	Sqm	157.00	P Sqm	=C10*E10		
g and layin in position specifie	=GF1_MES!K56	Cum	5,185.00	P Cum	=C11*E11		
g and laying in position specifi	=GF1_MES!K59	Cum	5,609.00	P Cum	=C12*E12		
& shuttering with ply wood or							
Suspended floors, roofs,	=GF1_MES!K73	Sqm	340.00	P Sqm	=C14*E14		
mns, pillars, posts and struts e	=GF1_MES!K77	Sqm	375.00	P Sqm	=C15*E15		
and fabricating reinforcement	=GF1_MES!K82	Kg	77.00	P Kg	=C16*E16		
rk with F.P.S. bricks of class d	=GF1_MES!K92	Cum	4,990.00	P Cum	=C17*E17		
masonry in Superstructure , a	=GF1_MES!K95	Sqm	526.00	P Sqm	=C18*E18		
ble stone masonry for foundati	=GF1_MES!K97	Cum	2,838.00	P Cum	=C19*E19		
new surface on walls in cemen	=GF1_MES!K117	Sqm	190.00	P Sqm	=IF(C20,ROUNDUP(C20*E20,0),"")		
ment plaster to ceiling of mix 1	=GF1_MES!K122	Sqm	139.00	P Sqm	=IF(C21,ROUNDUP(C21*E21,0),"")		
ooves as per design in plaster	=GF1_MES!K126	RM	7.00	P RM	=IF(C22,ROUNDUP(C22*E22,0),"")		
g plaster of Paris or lime putty	=GF1_MES!K129	Sqm	84.00	P Sqm	=IF(C23,ROUNDUP(C23*E23,0),"")		
g and fixing T-iron/angle iron f	=GF1_MES!K133	Kg	83.00	P Kg	=C24*E24		
g & fixing steel glazed doors, w	=GF1_MES!K136	Sqm	3,090.00	P Sqm	=C25*E25		
and fixing fixed wire gauge of	=GF1_MES!K143	Sqm	617.00	P Sqm	=C26*E26		
and fixing in cement mortar	=GF1_MES!K158	Kg	81.00	P Kg	=C27*E27		
factory made solid panel PVC	=GF1_MES!K161	Sqm	3,347.00	P Sqm	=C28*E28		
and fixing Square bars or othe	=GF1_MES!K140	Kg	65.00	P Kg	=C29*E29		
Blue Kota Stone flooring skirti	=GF1_MES!K146	Sqm	1,023.00	P Sqm	=C30*E30		
ble dry stone Kharanja under f	=GF1_MES!K150	Cum	932.00	P Cum	=C31*E31		
g and fixing Ist quality standar	=GF1_MES!K165	Sqm	674.00	P Sqm	=C32*E32		
hing with lime to give an even	=GF1_MES!K168	Sqm	11.00	P Sqm	=C33*E33		
ashing of all shades to give an	=GF1_MES!K172	Sqm	14.00	P Sqm	=C34*E34		
priming coat with ready mix pin	=GF1_MES!K177	Sqm	29.00	P Sqm	=C35*E35		
th enamel paint of approved b	=GF1_MES!K180	Sqm	69.00	P Sqm	=C36*E36		
			Total	Rs.	=SUM(G1:G36)		
		CHARTERED ENGINEER,					
		RKS TECHNO-LEGAL CONSULTANTS, UDAIPUR					

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 specifie	=FF_MES!K56	Cum	5,185.00	P Cum	=C6*E6		
g and laying in position specifi	=FF_MES!K60	Cum	5,609.00	P Cum	=C7*E7		
& shuttering with ply wood or							
Suspended floors, roofs,	=FF_MES!K74	Sqm	340.00	P Sqm	=C9*E9		
mns, pillars, posts and struts e	=FF_MES!K78	Sqm	375.00	P Sqm	=C10*E10		
and fabricating reinforcement	=FF_MES!K82	Kg	77.00	P Kg	=C11*E11		
rk with F.P.S. bricks of class d	=FF_MES!K93	Cum	4,990.00	P Cum	=C12*E12		
new surface on walls in cemen	=FF_MES!K112	Sqm	190.00	P Sqm	=IF(C13,ROUNDUP(C13*E13,0),"")		
ment plaster to ceiling of mix 1	=FF_MES!K117	Sqm	139.00	P Sqm	=IF(C14,ROUNDUP(C14*E14,0),"")		
ooves as per design in plaster	=FF_MES!K121	RM	7.00	P RM	=IF(C15,ROUNDUP(C15*E15,0),"")		
g plaster of Paris or lime putty	=FF_MES!K124	Sqm	84.00	P Sqm	=IF(C16,ROUNDUP(C16*E16,0),"")		
g and fixing T-iron/angle iron f	=FF_MES!K128	Kg	83.00	P Kg	=C17*E17		
& fixing steel glazed doors, w	=FF_MES!K131	Sqm	3,090.00	P Sqm	=C18*E18		
and fixing fixed wire gauge of	=FF_MES!K138	Sqm	617.00	P Sqm	=C19*E19		
and fixing Square bars or othe	=FF_MES!K135	Kg	65.00	P Kg	=C20*E20		
Blue Kota Stone flooring skirti	=FF_MES!K141	Sqm	1,023.00	P Sqm	=C21*E21		
hing with lime to give an even	=FF_MES!K163	Sqm	11.00	P Sqm	=C22*E22		
ashing of all shades to give an	=FF_MES!K167	Sqm	14.00	P Sqm	=C23*E23		
riming coat with ready mix pin	=FF_MES!K172	Sqm	29.00	P Sqm	=C24*E24		
th enamel paint of approved b	=FF_MES!K175	Sqm	69.00	P Sqm	=C25*E25		
g, hoisting and fixing up to flo							
rses, copings, bed plates, anc	=FF_MES!K178	Cum	7,030.00	P Cum	=C27*E27		
of water proofing treatment w	=FF_MES!K181	Cum	4,483.00	P Cum	=C28*E28		
batta (gola) 75mm x 7	=FF_MES!K186	Mtr	111.00	P RM	=C29*E29		
			Total	Rs.	=SUM(G1:G29)		
		CHARTERED ENGINEER,					
		RKS TECHNO-LEGAL CONSULTANTS, UDAIPUR					

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