



N. ARUN KUMAR

B.Tech., M.Sc., FIV, FIE

CHARTERED ENGINEER,

Regd Valuer for Wealth Tax

Regd No : 20/2024-25

Licensed Engineer VMC & APCRDA

DETAILED ESTIMATE FOR THE G+1 IMMACULATE COLLEGE HOSTEL BUILDING AT KANCHIKACHERLA VILLAGE AND MANDAL, NTR DISTRICT,PIN CODE:521180, ANDHRA PRADESH, INDIA									
FOUNDATION									
S.NO	DESCRIPTION	NOS	L(feet)	B(feet)	D/Ht(feet)	QTY	Unit	Rate	Amount
1	Earth Work Excavation for Piles	180	14.00			2,520.00	Rft	85	2,14,200.00
2	RCC								
	For Piles	180	0.07		10.00	4,501.82			
	For Pile Cap	60	7.00	3.00	2.00	2,520.00			
	For Columns	60	0.75	1.00	10.00	450.00			
	For Plinth Beam	8	48.00	0.75	0.75	216.00			
		6	174.42	0.75	0.75	588.65			
						8,276.47	Cft	325	26,89,853
3	Basement Filling with Murrum	1	180.42	54.00	5.00	48,712.05	Cft	25	12,17,801
4	Brick Work								
	Basement Raising	8	48.00	0.75	5.00	1,440.00			
		6	174.42	0.75	5.00	3,924.36			
				Total Brick work Qty		5,364.36	Cft	150	8,04,654
Total Amount for Foundation									49,26,509
GROUND FLOOR									
S.NO	DESCRIPTION	NOS	L(feet)	B(feet)	D/Ht(feet)	QTY	Unit	Rate	Amount
1	RCC								
	For Columns	60	0.75	1.00	10.00	450.00			
	For Roof Beam	8	48.00	0.75	0.75	216.00			
		6	144.00	0.75	0.75	486.00			
	For Slab	1	180.42	54.00	0.50	4,871.23			
						6,023.23	Cft	325	19,57,550
2	Brick Work								
	Basement Raising								
	Allround the Building	4	174.42	0.75	10.00	5,232.45			
	Side Wall	2	48.00	0.375	10.00	360.00			
	Internal Wall-1	17	15.00	0.375	10.00	956.25			
	Internal Wall-2	1	14.00	0.375	10.00	52.50			
	Toilet Walls	2	5.00	0.375	10.00	37.50			
	Parapet Wall-1	2	152.42	0.375	10.00	1,143.12			
	Parapet Wall-2	2	8.00						
					Total	7,781.82	Cft		
	Deductions								
	M Doors	16	3.00	0.375	6.75	121.50			
	T Doors	6	2.75	0.375	6.75	41.77			
	Windows-1	8	4.50	0.375	4.50	60.75			
	Windows-2	8	3.00	0.375	4.50	40.50			
	Ventilators	4	2.00	0.375	1.50	4.50			
					Total	269.02	Cft		
				Total Brick Work Qty		7,512.80	Cft	150	11,26,921
3	Plastering								

CCIT No. 20/2024-25

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D. NO. 59-3-6, SHOP NO. 2 & 3, GROUND FLOOR, KUSUMA TOWERS, G.O.T. : T.I. ROAD,
VIJAYAWADA - 520 010. CELL : 99490 72701, 94403 68363
E-mail : mgplanners1@gmail.com

Basement Raising									
Allround the Building	4	174.42		8.50	5,930.11				
Side Wall	2	48.00		8.50	816.00				
Internal Wall-1	17	15.00		8.50	2,167.50				
Internal Wall-2	1	14.00		8.50	119.00				
Toilet Walls	2	5.00		8.50	85.00				
Parapet Wall-1	2	152.42		8.50	2,591.07				
Parapet Wall-2	2	8.00		8.00	128.00				
				Total	11,836.68	Sft			
Deductions									
M Doors	16	3.00		6.75	324.00				
T Doors	6	2.75		6.75	111.38				
Windows-1	8	4.50		4.50	162.00				
Windows-2	8	3.00		4.50	108.00				
Ventilators	4	2.00		1.50	12.00				
				Total	717.38	Sft			
				Total Plastering Qty	11,119.31	Sft	45	5,00,369	
4 Painting	Same as Plastering Qty				11,119.31	Sft	35	3,89,176	
5 Flooring with Vitrified Tiles 2' x 2'									
Multi Purpose / Training Hall-1	1	30.00	15.00		450.00				
Multi Purpose / Training Hall-2	1	30.00	15.00		450.00				
Parlour	1	15.00	15.00		225.00				
Office Room	1	15.00	150.00		2,250.00				
Tution Room-1	1	15.00	15.00		225.00				
Tution Room-2	1	15.00	15.00		225.00				
Prayer Room	1	15.50	15.00		403.00				
Kitchen Wash Area	1	14.00	8.00		112.00				
Kitchen Store	1	14.00	7.00		98.00				
Kitchen	1	18.00	15.00		270.00				
Dinning Hall	1	15.00	65.00		975.00				
STEAM Experiential Learning Lab	1	27.42	15.00		411.24				
Counselling / Therapy Room	1	15.00	15.00		225.00				
Infirmary Room	1	15.00	15.00		225.00				
Warden Room-1	1	15.00	15.00		225.00				
Toilets	5	5.00	7.50		187.50				
Wash Area	1	5.00	6.50		32.50				
Corridor-1	1	152.42	5.00		762.08				
Corridor-2	1	152.42	5.00		762.08				
Corridor-3	1	8.00	8.00		64.00				
Corridor-4	1	8.00	8.00		64.00				
Staircase Steps	1	14.00	15.00		210.00				
Lobby	1	12.00	15.00		180.00				
Staircase-2	1	8.00	15.00		120.00				
					9,151.40	Sft	200	18,30,280	
6 Non Skid Tiles for Toilet									
For walls	4	25.00	6.50		650.00				
					650.00	Sft	200	1,30,000	
7 Doors, Windows & Ventilator									
with WPC Frames	16	3.50	7.00		119.00				
Toilet & Wash Area Doors	6	2.50	7.00		87.00				
Windows -1	7	4.00	4.00		132.00				
Windows -2	7	4.00	6.00		134.00				
Ventilator	2	2.00	2.00		66.00				
					538.00	Rft	350	1,88,300	



8	Iron Grills For Windows	1				816.00	1.5 Kg/sft	160	1,95,840
9	Staircase Railing	1	30.00	3.50		105.00	2kg / Sft	160	33600
10	Balcony Railing	1	250.00	3.50		875.00	2kg / Sft	160	2,80,000.00
11	WPC Doors, Windows & Ventilator								
	Shutters	17	3.50	7.00		416.50			
	Toilet & Wash Area Doors	6	2.50	7.00		105.00			
	Windows -1	51	4.00	4.00		816.00			
	Ventilator	5	2.00	3.00		30.00			
						1,367.50	Sft	350	4,78,625
12	Cupboards with Plywood & Sunglass								
		1	300.00		7.00	2,100.00			
						2,100.00	Sft	900	18,90,000
Total Amount for Ground Floor									90,00,661

FIRST FLOOR

S.NO	DESCRIPTION	NOS	L(feet)	B(feet)	D/Ht(feet)	QTY	Unit	Rate	Amount
1	RCC								
	For Columns	60	0.75	1.00	10.00	450.00			
	For Roof Beam	8	48.00	0.75	0.75	216.00			
		6	174.42	0.75	0.75	588.65			
	For Slab	1	180.42	54.00	0.50	4,871.23			
						6,125.89	Cft	325	19,90,913
2	Brick Work								
	Basement Raising								
	Allround the Building	4	174.42	0.75	10.00	5,232.48			
	Side Wall	2	48.00	0.375	10.00	360.00			
	Internal Walls	24	15.00	0.375	10.00	1,350.00			
	Toilet Walls	8	5.00	0.375	10.00	150.00			
	Parapet Wall-1	2	152.42	0.375	10.00	1,143.12			
	Parapet Wall-2	2	8.00	0.375	10.00	60.00			
					Total	8,295.60	Cft		
	Deductions								
	M. Doors	16	3.00	0.375	6.75	121.50			
	T. Doors	16	2.75	0.375	6.75	111.38			
	Windows-1	10	4.50	0.375	4.50	75.94			
	Windows-2	10	3.00	0.375	4.50	50.63			
	Ventilators	16	2.00	0.375	1.50	18.00			
					Total	377.44	Cft		
					Total Brick Work Qty	7,918.16	Cft	150	11,87,724
3	Plastering								
	Basement Raising								
	Allround the Building	4	174.42		8.50	5,930.14			
	Side Wall	2	48.00		8.50	816.00			
	Internal Walls	24	15.00		8.50	3,060.00			
	Toilet Walls	8	5.00		8.50	340.00			
	Parapet Wall-1	2	152.42		8.50	2,591.07			
	Parapet Wall-2	2	8.00		8.00	128.00			
					Total	12,865.22	Sft		
	Deductions								



M Doors	16	3.00		6.75	324.00			
T Doors	16	2.75		6.75	297.00			
Windows-1	10	4.50		4.50	202.50			
Windows-2	10	3.00		4.50	135.00			
Ventilators	16	2.00		1.50	48.00			
				Total	1,006.50	Sft		
				Total Plastering Qty	11,858.72	Sft	45	5,33,642
4 Painting	Same as Plastering Qty				11,858.72	Sft	35	4,15,055
5 Flooring with Vitrified Tiles 2' x 2'								
Room-1	1	20.00	15.00		300.00			
Room-2	1	20.00	15.00		300.00			
Room-3	1	20.00	15.00		300.00			
Room-4	1	20.00	15.00		300.00			
Room-5	1	20.00	15.00		300.00			
Room-6	1	20.00	15.00		300.00			
Room-7	1	20.00	15.00		300.00			
Room-8	1	20.00	15.00		300.00			
Room-9	1	20.00	15.00		300.00			
Room-10	1	20.00	15.00		300.00			
Room-11	1	20.00	15.00		300.00			
Room-12	1	20.00	15.00		300.00			
Room-13	1	20.00	15.00		300.00			
Clothes Wash Area-1	1	6.42	15.00		96.24			
Clothes Wash Area-2	1	8.00	15.00		120.00			
Toilets-14	14	5.00	7.50		525.00			
General Store Room	2	5.00	7.50		75.00			
Warden Room-2	1	12.42	15.00		186.24			
Corridor-1	1	152.42	5.00		762.08			
Corridor-2	1	152.42	5.00		762.08			
Corridor-3	1	8.00	8.00		64.00			
Corridor-4	1	8.00	8.00		64.00			
Starcase Steps	1	14.00	150.00		2,100.00			
Starcase Steps-2	1	15.00	8.00		120.00			
					8,774.64	Sft	200	17,54,928
6 Non Skid Tiles for Toilet for walls	16	25.00	6.50		2,600.00			
					2,600.00	Sft	200	5,20,000
7 WPC Doors, Windows & Ventilator								
Door Frames	16	3.50	7.00		63.00			
Toilet & Wash Area Doors	16	2.50	7.00		47.00			
Windows -1	44	4.00	4.00		180.00			
Ventilator	14	2.00	3.00		31.00			
					321.00	Rft	350	1,12,350
8 WPC Doors, Windows & Ventilator								
Shutters	16	3.50	7.00		392.00			
Toilet & Wash Area Doors	16	2.50	7.00		280.00			
Windows -1	44	4.00	4.00		704.00			
Ventilator	14	2.00	3.00		84.00			
					1,460.00	Rft	350	5,11,000
9 Iron Grills For Windows	1				704.00	1.5 Kg/sft	160	1,68,960
10 Staircase Railing	1	30.00	3.50		105.00	2kg / Sft	160	33600



11	Balcony Railing	1	250.00	3.50	875.00	2kg / Sft	160	2,80,000.00
12	Staircase Restricted MS Gates Lift	3	8.00	10.00	80.00	2kg / Sft	160	25,600.00
	Staircase Restricted MS Gates (G+1)	3	8.00	10.00	80.00	2kg / Sft	160	25,600.00
13	Cupboards with Plywood & Sunglass	1	221.00	7.00	1,547.00			
					1,547.00	Sft	900	13,92,300
Total Amount for First Floor								89,51,673

ESTIMATED SUMMARY								
1	Bore Well & Motor				3,50,000			
2	Construction Cost of Foundation				49,26,509			
3	Construction Cost of Ground Floor				90,00,661			
4	Construction Cost of First Floor				89,51,673			
5	Soil Filling for Foundation				4,00,000			
6	Staircase Head Room-1				1,87,200			
	Staircase Head Room-2				252000			
	Lift Head Room (Option Given)				64800			
	Water Tank				230400			
7	Electrical & Sanitary Works for Ground Floor				18,00,132			
8	Electrical & Sanitary Works for First Floor				23,27,435			
9	Transformer				7,00,000			
10	Elevation				4,00,000			
11	AP-CRDA Government Approvals				20,00,000			
12	Fire Department Approval And Equipment				7,00,000			
				Total	3,22,90,809			
				Say	3,22,90,000			
Note : 1.Fans, Lights, Ceiling Lights, Geysers, Kltchen Chimneys, External Lightings are extra								
2. GST 18% Extra								
3.Engineering and Consultancy Charges 4% executed work Cost (Liasoning,Structural Reports, Working Drawings, Supervisory Services,Soil Test Reports,Material Testing Reports)								

