ESTIMATION FOR CONSTRUCTION OF BUILDING

NAME OF THE WORK: CONSTRUCTION OF SCHOOL BUILDING
ORGANIZATION: MOTHER TERESA MAHILA MANDALI
LOCATION: BADVEL, KADAPA DT. ANDHRAPRADESH, INDIA
ADDRESS: 3/24 SURENDRA NAGAR BADVEL KADAPA DIST. A.P. INDIA 516227

FOUNDER & PRESIDENT: JINKA SANTHAMMA

S.NO.	PARTICULARS	NO.S	MEASUREMENT IN METERS			ADEA3	RATE PER	AMOUNT IN
3.NO.		NO.5	HEIGHT	LENGTH	WIDTH	AREA m ³	m³	RS.
1	Earth work excavation and depasting soil in initi complete							
	columns	1 x 22	1.50	1.50	1.80	89.10		
	long walls	1 x 2	16.50	0.60	0.60	11.88	80.00	8748.80
	cross walls	1 x 2	11.65	0.60	0.60	8.38	00.00	0740.00
						103.36		
2	Sand filling and water ramming including the foundation and basement in stanford specific		e of all mate	erials and la	borcharges	in		
a.	Foundation							
	columns	22.00	1.50	1.50	0.30	14.85		
	long walls	1 x 2	16.50	0.60	0.15	2.95		33940.80
	cross walls	1 x 2	11.65	0.60	0.15	2.09	160.00	33940.60
b.	Basement	1 x 1	16.50	11.65	1.00	192.22		
						212.13		
3	P.C.C. in (1:4:8) to use 40 mm metal including etc.	g the cost off conv	veyance of a	II materials	and labor o	harges		
a.	Foundation							
	columns	1 x 22	1.50	1.50	0.30	14.85	1950.00	
	long walls	1 x 2	1.50	1.50	0.15	2.97		95043.00
	cross walls	1 x 2	1.50	1.50	0.15	2.09	1950.00	95043.00
b.	Basement	1 x 1	16.50	11.65	0.15	28.83		
4	R.R. in c.m.(1:6) including the cost of conveyance of all materials and laborcharges							
	long walls	1 x 2	14.75	0.60	1.60	28.32	4000.00	07004.00
	cross walls	1 x 2	10.50	0.60	1.60	20.16	1800.00	87264.00
5	R.C.C. (1:2:4) to use 40 mm metal including t	he cost and conv	eyance of all	materials a	nd labor ch	narges etc		
a.	Footings	1 x 22	1.50	1.50	0.46	22.77		
b.	Columns	1 x 22	0.35	0.23	8.00	14.16	3500.00	129255.00
С	Plinth beam							
	Long beams	1 x 2	16.50	0.23	0.35	2.65		
	Cross Beams	1 x 4	11.65	0.23	0.35	3.75		
	Another beams	1 x 4	5.30	0.23	0.35	1.70		
	Another beams	1 x 2	3.46	0.23	0.35	0.55		
						8.65	3800.00	32870.00

d	Roof Beams							
	Long beams	1 x 2	16.50	0.23	0.35	2.65		
	Cross beams	1 x 4	11.65	0.23	0.35	3.75		
	Another beams	1 x 4	5.30	0.23	0.35	1.70		
	Another Beams	1 x 2	3.46	0.23	0.35	0.55		
						8.65	4000.00	34600.00
е	Roof Slab	1 x 1	16.50	11.65	0.10	19.22	4000.00	76880.00
f	Stair case	1 x 1	4.57	1.80	0.15	1.23	4000.00	4935.00
6	SSF Steel grills including the cost and co	nveyance of all materia	als and labo	ur charges				
а	Columns		14.16 x 1	30 Kgs.		1840.00		
b	Footings		22.77 x 1	100 kgs		2277.00		
С	Plinth beam		8.65 x 1			1038.00		
d	Roof Beams		8.65 x 1	20 kgs		1038.00	42.00	338898.00
е	Roof slab		19.22 X	90 Kgs.		1729.00		
f	Stair case		1.23 x 12			147.00		
						8069.00	1	
7	Brick Masonary C.M. (1:6) including the o							
	Long walls	1 x 2	16.50	0.23	2.75	2.75		
	Cross walls	1 x 4	11.65	0.23	2.75	2.75		
	Another walls	1 x 6	4.67	0.23	2.75	17.72		
	Another walls	1 x 2	3.00	0.23	2.75	3.79		
	Deductions					71.85	1900.00	118693.00
	D.Doors	1 x 8	1.00	0.23	2.10	3.86		
	W Windows	1 x 20	1.00	0.23	1.20	5.52		
						9.38		
	Net Quantity		71.85 -					
8	Supply and fixing of doors and windows i	Supply and fixing of doors and windows including transportation & labor charges						
	Deductions		I					
	D Doors	1 x 8	1.00		2.10	16.80		
	W Windows	1 x 20	1.00		1.20	24.00	3200.00	130560.00
						40.80		
9	Plastering with C.M.(1:4) 20mm thick inc	luding labor and transp	ortation cha	ırges				
	long walls	1 x 4	16.50		3.10	204.60		
	cross walls	1 x 8	11.65		3.10	288.92		
	Another walls 1	1 x 12	4.67		3.10	173.72	120.00	84532.80
							1	
	Another walls 2	1 x 4	3.00		3.10	37.20		

10	Flooring with vertificient tiles in relabor charges						
	Class Rooms	1 x 6	3.00 x 4.67	84.06			
	Office Room	1 x 1	3.00 x 3.00	9.00	800.00	81648.00	
	Staff Room	1 x1	3.00 x 3.00	9.00			
				102.06			
11	Colour wash with two coats include	Colour wash with two coats including the labor & transportation costs					
				704.44	70.00	50656.20	
				723.66			
				Sub Tota	al	1308522.00	
12	Provision for Electrical Charges@		98139.00				
				T O T A L GROUN	ID FLOOR	1406661.00	

	FIRST FLOOR							
1	R.C.C. (1:2:4) to use 20 mm metal including labor	r & transport	tation costs					
а	Columns	1 x 22	0.35	0.23	2.75	14.16	4500.00	63720.00
b	Roof beams							
	Long Beams	1 x 2	16.50	0.23	0.35	2.65		
	Cross beams	1 x 4	11.85	0.23	0.35	3.75		
	Another Beams	1 x 4	5.30	0.23	0.35	1.70	4500.00	38954.00
	Another Beams	1 x 2	3.46	0.23	0.35	0.55		
						8.65		
С	Roof Slab	1 x 1	16.50	11.65	0.10	19.22	4500.00	86490.00
2	SSF Steel grills including labor & transportation co	sts						
а	Columns				160 kgs		42 per Kg	
b	Roof Beams				120 Kgs		1038 per Kg	193494.00
С	Roof Slab			19.22	x 90 Kgs		1729 per Kg	
3	Brick masnary C.M. (1:6) including labor & transpo	ortation cost	S					
	Long Beams	1 x 2	16.50	0.23	2.75	20.82	2100	
	Cross walls	1 x 4	11.65	0.23	2.75	39.47		
	Another walls	1 x 6	4.67	0.23	2.75	17.72		131187.00
		1 x 4	3.00	0.23	2.75	3.79		
						71.85		
	Deductions							
	D Doors	1 x 8	1.00	0.23	2.10	3.86		
	Windows	1 x 20	1.00	0.23	1.20	5.52		
						9.32		
4	Supply and fixing of doors and windows including	transportatio	on & labor ch	arges				
	Deductions							
	D Doors	1 x 8	1.00		2.10	16.80		
	Windows	1 x 20	1.00		1.20	24.00	3200.00	130560.00
						40.80		
5	Plastering with C.M.(1:4) 20mm thick including lab							
	long walls	1 x 4	16.50		3.10	204.60		
	cross walls	1 x 8	11.65		3.10			
	Another walls 1	1 x 12	4.67		3.10		_1	91577.00
	Another walls 2	1 x 4	3.00		3.10			
		†	1		1	704.44	_1	
	Flooring with vertificient tiles in required sizes 10							
6	cms thick 40 mm H.B.G. metal including transportation & labor charges	1 x 1	21.00			102.75	850.00	87337.00
	Transportation & labor charges		1			Sub Tota	<u>. </u>	823319.00
7	Electrification charges @ 7.5%		1			545 100	Ī	61748.00
•	= 10 m sadon onargo C 11070		'	ΤΟΤΔΙΙ	IRST FLOC)R	ı	885067.00

	SECOND FLOOR			<u>u</u>	L	•		
1	R.C.C. (1:2:4) to use 20 mm metal including labor & transportation costs							
а	Columns	1 x 8	2.75	0.23	0.35	1.77	4800.00	
b	Long Beam	1 x 2	7.85	0.23	0.35	1.25		39180.00
С	Cross Beam	1 x4	4.67	0.23	0.35	1.25		
d	Roof Slab	1 x 1	7.80	4.67	0.10	3.60	1	
						8.16		
2	SSF Steel grills including labor & transportation cos	sts						
	Columns		1.77 x	130 kgs		230 kgs		
	Roof Beams		2.75 x	120 kgs		330 kgs	42.00	37279.0
	Roof Slab			(90 kgs		887 kgs		
3	Brick masnary C.M. (1:6) including labor & transportation costs							
	Long walls	1 x 2	7.80	0.23	2.75	9.87		
	Cross Walls	1 x 4	4.67	0.23	2.75	11.82		
						21.67		
	Deductions						0000 00	45747.0
	D Doors	1 x 2	1.00	0.23	2.10	0.96	2300.00	45747.0
	W Windows	1 x 3	1.00	0.23	1.20	0.82	1	
						1.78	1	
	Net Quantity							
4	Supplying & Fixing of Doors Windows including lab	or & transp	ortation cos	ete		7.80	3200.00	24960.00
5	Plastering with C.M. (1:4) 20 mm thick including labor & transportation costs							24900.00
5	Plastering with C.M. (1:4) 20 mm thick including lab	or & transp						24900.00
5		-	portation cos		3.10	96.72		24900.00
5	Long walls	1 x 4	oortation cos		3.10	96.72 115.81	150.00	
5		-	portation cos		3.10	115.81	150.00	
6	Long walls Cross Walls Flooring with Rajasthan Marbles including labor &	1 x 4	oortation cos		_		150.00 1000.00	31879.0
	Long walls Cross Walls	1 x 4 1 x 8	7.80 4.67	sts	_	115.81 212.53 28.02		31879.0 28000.0
	Long walls Cross Walls Flooring with Rajasthan Marbles including labor & transportation costs	1 x 4 1 x 8	7.80 4.67	sts	_	115.81 212.53 28.02	1000.00	31879.0 28000.0 207045.0
6	Long walls Cross Walls Flooring with Rajasthan Marbles including labor &	1 x 4 1 x 8	7.80 4.67	sts	_	115.81 212.53 28.02	1000.00	31879.0 28000.0 207045.0 20000.0
6	Long walls Cross Walls Flooring with Rajasthan Marbles including labor & transportation costs Electrification Charges @7.5 % Provision for Sanitary and water supply arrangement	1 x 4 1 x 8	7.80 4.67	sts	_	115.81 212.53 28.02	1000.00	31879.0 28000.0 207045.0 20000.0 120000.0
6 7 8	Long walls Cross Walls Flooring with Rajasthan Marbles including labor & transportation costs Electrification Charges @7.5 % Provision for Sanitary and water supply	1 x 4 1 x 8	7.80 4.67	sts	_	115.81 212.53 28.02	1000.00	31879.0 28000.0 207045.0 20000.0 120000.0
6 7 8 9	Long walls Cross Walls Flooring with Rajasthan Marbles including labor & transportation costs Electrification Charges @7.5 % Provision for Sanitary and water supply arrangement Provision for staircase with grills	1 x 4 1 x 8	7.80 4.67	sts	_	115.81 212.53 28.02	1000.00	28000.00 28000.00 207045.0 20000.00 120000.0 100000.0 20000.0

ABSTRACT		
	in Rs.	in \$
GROUND FLOOR	1406661.00	29928.96
FIRST FLOOR	885067.00	18831.21
SECOND FLOOR	527045.00	11213.72
	2818773.00	59973.89