

BILL OF QUANTITIES AND ESTIMATE OF COST.

ESTIMATE FOR PROPOSED CONSTRUCTION OF SCHOOL OF FATIMA SOCIETY
AT BARABANKI, U.P.

ESTIMATED COST FOR CONSTRUCTION OF LOWER GROUND FLOOR, GROUND FLOOR, FIRST
FLOOR & SECOND FLOOR FOR R.C.C ROOF, R.C.C. COLUMN, BRICK & PLASTER WORK WITH
CEMENT, SAND, MORTAR, ELECTRICAL & SANITARY WORK.

S.No.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE (in rupees)	AMOUNT
1	Earth work in excavation in trenches for foundations in ordinary soil (loam clay or sand) including lift upto 1.5 mt. and lead upto 50 mt. , dressing of sides and ramm ing of bottoms and disposal of excavated earth as directed by E.I.C.	925	CU. MT.	70	64750
2	Filling of excavated earth in trenches plin th, sides of foundations etc in layers not exceeding 20 cm. depth watering and ramming the same including lead of 50 m and lift of 1.5 mt.	325	CU. MT.	60	19500
3	Filling of earth brought to site from a dist ance of 3 Km. The earth shall be filled as in item no. 2 and as directed by E.I.C.	145	CU. MT.	165	23925
4	Add extra to items no. 1, and 2 for lead beyond 50 mt. and upto 100 mt., or lift beyond 1.5 mt. and upto 3.0 mt.	95	CU. MT.	225	21375
5	Providing and laying cement concrete 1:5:10 (1 cement, 5 fine sand, 10 brick aggregate graded 40 mm. nominal size) in foundations and under floors, includin g cost of formwork, ramming of layers and curing complete in all respects.	102.5	CU. MT.	2480	254200
6	Class 150 brick work in 1:4(1 cement 4 fine sand of 1.25 fineness modulus) mortar in foundations and upto plinth lev. including supply of all materials , labour tools and plants for proper completion of work including curing of brick work complete in all respects.	265	CU. MT.	3300	874500
7	Class 150 brick work as in item no. 6 but in superstructure in 345 / 230 mm. walls including necessary cutting and moulding of bricks ,curing of brickwork , and inclu- ding supply of all materials tools and plan- ts for proper completion of work.	675	CU. MT.	3460	2335500

8	As in item no. 7 above but brickwork in 1:3 cement coarse sand mortar.	55	CU. MT.	3620	199100
9	As in item no. 8 above but thickness of brickwork to be 115 mm.	45	CU. MT.	3620	162900
10	Reinforced brick work in slabs, sunshades etc. with 150 class bricks laid in 1:3 cement coarse sand mortar excluding supply of reinforcement and its bending binding and laying, but including all centering shuttering, curing, and supply of all materials tools and plants for proper completion of work.	86.4	CU. MT.	2898	250387.2
11	R.C.C. work 1:2:4 (1 cement.2 coarse sand of 1.25 fineness modulus, and stone aggregate of size 25 mm. to 40 mm. as approved) in footings of columns, raft foundations, and raft beams excluding supply of reinforcement, its bending, binding and placing, but including all centering, shuttering, and supply of all materials tools ,plants and labour for proper completion of work. The strength of the concrete shall not be less than M-150.	89.5	CU. MT.	5200	465400
12	R.C.C. work as in item no. 11 above but for columns in superstructure and with stone aggregate of size 12mm. to 20 mm. and including centering and shuttering.	205	CU. MT.	5400	1107000
13	R.C.C. work as in item no. 12 above but in beams.	180	CU. MT.	5500	990000
14	R.C.C. work as in item no. 12 above but in slabs.	525	CU. MT.	5500	2887500
15	Providing and laying damp proof course 25 mm. thick 1:2:4(1 cement, 2 coarse sand, 4 graded stone aggregate 10 mm. nominal size) including supply and mixing of damp proof compound as per I.S.I specifications complete in all respects.	282.75	SQ. MT.	135	38171.25
16	Supplying fabricating and fixing wooden door and window frames with proper joinery bonded with approved quality glue The frames shall be sand papered for proper finish as directed by E.I.C. The wood shall be of best quality properly seasoned ,free of knots and warping.				
	(a) In Teak wood.		CU. MT.		0
	(b) In Saal wood.	5.2	CU. MT.	40000	208000

17	Supplying and fixing 32 mm. thick flush doors as per I.S. specifications of approved quality including 12 mm. T/W lippi- ng fixed with glue and headless nails and including fixing and adjustment of hinges locks, bolts, handles and other fittings but excluding their supply. (a) Flush doors in teak ply finish. (b) Flush doors in commercial ply finish.	0 185.2	SQ. MT. SQ. MT.	2000	0 370400
18	Mild steel work in reinforcement for RCC or R.B. work including bending, placing and binding of bars as per drawings and as directed including cost of binding wire and overlaps and wastage complete in all respects.	465	QTL.	6400	2976000
19	Supplying all materials fabricating and fixing steel grills or staircase railings as per design.	82	QTL.	6800	557600
20	Plaster work in walls in single coat includ- ing curing finished even and smooth as per directions of E.I.C. (a) 10 mm. plaster in 1:6 cem. fine sand. (b) 15 mm. plaster in 1:6 cem. fine sand.	28230	SQ. MT. SQ. MT.	115	0 3246450
21	15 mm Cement plaster in single coat on rough side of single or half brick wall for interior plastering internal rounded angles	1275	SQ. MT.	124.5	158737.5
22	As in items 20 but for plastering on ceiling and soffit of stair	8293	SQ. MT.	124.5	1032478.5
23	40 mm Cement concrete flooring 1:2:4 (1 cement, 2 coarse sand, 4 stone aggre- gate of size 12.5 and below) laid over base concrete and finished with floating or neat cement (base concrete to be paid seperately) including fixing of glass strip (excluding cost of glass strips	8355	SQ. MT.	385	3216675
24	Distempering 2 coats with oil bound distemper of approved quality and shade on walls & including a priming coat with cement primer of approved brand after thoroughly brushing the surface and includ- ing preparing the surface even with plast- er of paris and sand prepared smooth.	12750	SQ. MT.	55	701250
25	Finishing the walls with water proof cement paint of approved make of required shade on wall surfaces two coat over and including one coat white cement primer to give an even shade after thoroughly brushing the surface to powdered materials including				

	curing and cost of all materials	27230	SQ. MT.	36	980280
26	Painting first coat over priming coat including cost of priming coat on steel and other metal surfaces area with superior synthetic enamel such as including cleaning the surface of all dirt and dust and other foreign materials and papering	435	SQ. MT.	40	17400
27	Providing and laying 25 mm th. Kota stone flooring over base concrete laid and jointed in grey cement including grinding and polishing	515	SQ. MT.	550	283250
	Total (item No.1 to item No.27)				23442729.45
	Add 5% for electrical works				1172136.473
	Add 5% for sanitary work				1172136.473
			Total		25787002.4
			Say		257.87Lacs

(RUPEES TWO CRORES FIFTY SEVEN LACS AND EIGHTY SEVEN THOUSANDS ONLY)

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