

D.A.V. PUBLIC SCHOOL, NAYATOLA, KESHOPUR, JAMALPUR, MUNGER, BIHAR.

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Date:- 15 OCT.2020

BILL OF QUANTITIES

CONSTRUCTION OF YAZSHALA FOR D.A.V. PUBLIC SCHOOL, JAMALPUR, MUNGER, BIHAR.						
SI.No.	S.O.R.	DESCRIPTION	Qty.	Unit.	Rate	Amount
(A) GROUND FLOOR						
Cov.area of Ground Floor = 477.27 SFT(44.35 SM)						
SECTION-I (PILING WORK)						
1	20.3A.1	Making 25 cm(10") dia bore upto 5 mtr. depth below ground with hand auger of approved quality in ordinary soil(Vide classification of soil item A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth upto 50 mtr. lead including all lifts all complete as per approved design and direction of E/I.	36.58	Rm		
2	20.3A.2	Making 63 cm.(25") dia under-ream at required with hand auger of approved quality in ordinary soil (vide clasification of soil item A)true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth upto 50 mtr. lead including all lifts , all complete as per approved design and direction of E/I.	16	No.		
SECTION-II (EARTH WORK/SAND FILLING)						
3	2.8	Earth wok in excavation in foundation trenches or drains (not exceeding 1.5 M. in width or 10 sqm. on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 M including getting out the excavated soil and disposal of surplus excavated soil as directed,within a lead of 50M.				
	2.8.1	All kinds of soil.	3.93	Cum.		
4	2.28	Supplying and filling in plinth with local sand and under floors including, watering, ramming, consolidating and dressing complete.	35.29	Cum.		
SECTION-III (R.C.C. /P.C.C. WORK)						
5	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- all work upto plinth level.				
	4.1.5	1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size.)	2.26	Cum.		
	4.1.3	1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size.)	3.38	Cum.		
6	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of				

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		centring, shuttering, finishing and reinforcement- All work upto plinth level.				
	5.1.2	1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size.)	5.49	Cum.		
7	5.2.2	Reinforced cement concrete work in 1:1.5:3 (1 cement;1.5coarse sand; 3 graded stone aggregate 20mm nominal size) in wall(any thickness)including attach pilasters, buttresses, plinth and string courses,fillets, columns, pillars,piers, abutments, posts and struts etc. upto floor five level excluding cost of centering, shuttering finishing and reinforcement.	1.35	Cum		
8	5.3	Reinforced cement concrete work in Beams , suspended floors, roofs, having slope upto 15 landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spiral stair cases upto floor five level excluding the cost of centering shuttering, finishing and reinforcement with 1:1.5:3 (1 cement;1.5coarse sand; 3 graded stone aggregate 20 mm nominal size)	11.20	Cum		
9	5.9	Centering and shuttering including strutting propping etc and removal of form for				
	5.9.3	Suspended floors, roofs, landings balconies and access platform.	60.71	Sqm		
	5.9.5	Lintels, Beams, plinth beams, girders, bressumers and cantilevers.	70.70	Sqm		
	5.9.6	Columns, pillars, piers, abutments posts and struts.	27.25	Sqm		
	5.9.16	Edges of slabs and brakes in floors and walls .				
	5.9.16.1	Under 20 cm wide.	29.26	RM		
10	5.22	Reinforcement for R.C.C. work including straight-ening ,cutting ,bending,placing in position and binding all complete.				
	5.22.1	Mild steel 6mm dia.	140	Kg		
	5.22.7A	Thermo-Mechanically treated bars TMTC-500-8mm.	670	Kg		
	5.22.7C	Thermo-Mechanically treated bars TMT Fe500-12mm	650	Kg		
	5.22.7D	Thermo-Mechanically treated bars TMTC-500-16mm.	615	Kg		
		SECTION - IV (MASONRY WORK)				
11	6.1A	Brick work with bricks of class designation 100A in foundation and plinth in:				
	6.1.14A	Cement mortar 1:6(1 cement; 6 coarse sand)	11.37	Cum		
		SECTION - V (FLOORING WORK)				
12	11.23	Marble stone flooring with 18mm thick marble stone (sample of marble shall be approved by engineer in charge) over 20mm thick bases of cement mortar 1:4(1 cement, 4 coarse sand) laid				

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		and jointed with grey cement slurry including rubbing and polishing complete with.				
	11.23.2	Rajnagar plain white marble 18mm thick above 0.10 sqm up to 0.20 sqm.	57.91	Sqm		
13	11.36	providing and fixing first quality ceramic glazed wall tiles confirming to IS 15622(Thickness to be specified by manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by engineer in charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement, 3 coarse sand) and jointed with grey cement slurry @ 3.3 Kg/sqm including pointing in white cement mixed with pigment of matching shade complete.	34.06	Sqm		
14	11.22	Tile work In skirting,risers of steps and dado (upto 2M height) over 12mm thick bed of cement mortar 1:3 (1 cement,3 coarse sand) and jointed with grey cement slurry @ 3.3 Kg/sqm including pointing in white cement mixed with pigment of matching shade complete.				
	11.22.1	Marble tiles (Polished) Rajnagar 8mm thick.	19.59	Sqm		
15	11.72	Providing designation 100A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification ad direction of E/I.	58.59	Sqm		
		SECTION-VI (PLASTER WORK)				
16	13.12	15 mm cement plaster on rough side of single or half brick wall of mix				
	13.12.4	1:6 (1 cement; 6 coarse sand).	71.47	Sqm		
17	13.24	6 mm cement plaster to ceiling of mix				
	13.24.2	1:4 (1 cement; 4coarse sand).	112	Sqm		
		SECTION-VII (FINISHING WORK)				
18	13.78	Applying one coat of cement primer of approved brand and manufacture on wall surface:				
	13.78.1	Cement primer	112	Sqm		
19	13.92	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:				
	13.92.1	Two or more coats on new work	112	Sqm		
20	13.46A	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
	13.46A.1	New work (Two or more coat applied @ 1.43 ltr/10 sqm over and including priming coat of exterior	71.47	Sqm		
		TOTAL				

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		FOUNDING OFF				
		Cost of construction per S.Ft.				