

M/S HAPPY AND ASSOCIATES

ARCHITECTS , ENGINEERS , INTERIOR DESIGNERS

Add:- Near Hindustan Press, Cotton Mill, Gaya - 823001 (Bihar)

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ABSTRACT OF COST FOR CONSTRUCTION OF CLASSROOMS ON TERRACE AT D.A.V PUBLIC SCHOOL, MEDICAL BRANCH, GAYA, BIHAR

Ref no

Date

CLASSROOM CONSTRUCTION ON TERRACE						
Serial	SoR	Particulars	Quantity	Rate	Unit	Amount
		AREA	7160.0		SQFT	
		SHED				
		AVERAGE AREA (30'6" X 218')	7160.0		SQFT	
1	N A	truss (30'6" long) (16 pc)(6 kg/ft)	2928	120	kg	351,360
2	N A	rafter (30'6" long) (53 pc)(4kg/ft)	6466	120	kg	775,920
3	N A	purlins (218 long) (10 pc each) (2.5kg/ft)	5450	120	kg	654,000
4	N A	PVC Shed	665.4	800	Sq m	532,342
5	N A	Bolts And Fastners (G.I wire, nut bolt, s-cup and fastener and lock for gate)	lumsum			55,000
		COLUMN AND LINTEL UPLIFTMENT				
6	5.22	Reinforcement for R.C.C. work including straightening, cutting,				
	5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	1,388.0	94.50	kg	131,166
	5.22.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	535.0	92.60	kg	49,541
	5.22.7D	Thermo-Mechanically Treated bars TMT Fe-500-16mm dia.	2,377.0	91.70	kg	217,971
7	5.9	Centring and shuttering including strutting,propping etc. and				
	5.9.5	Lintels, beams, plinth bams, grids, bressumers and	70.0	404.70	sq m	28,329
	5.9.6	Columns,Pillars, Piers, Abutments, Posts and Struts	268.0	494.40	sq m	132,499
8	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement.1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	35.2	5,670.00	Cu m	199,584

9	5.3	R C C work in beams,suspended floors, roofs having slope upto 15, landings,balconiec, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excludingthe cost of centring, shuttering, finishing and reinforcement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size).	2.5	5,335.90	Cu m	13,340
WALL UPLIFTMENT						
10	6.1A	Brick work with bricks of class designation 100A in foundations and plinth in :				
	6.1.12/1	Cement mortar 1 :.4 (1 cement: 4 coarse sand)		5,017.90	cum	
	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum		842.20	cum	
		TOTAL COST OF 10" BRICK WORK	158.4	5,860.10	cum	928,240
FLOORING						
11	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufactruer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc., complete.	665.4	1,638.80	Sq m	1,090,503
		Tile skirting (6" HIGH)	55.0	1,638.80	Sq M	90,134
12	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) 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 12 mm thick bed of cement Motar 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete. (7' HIGH IN TOILETS)(3' HIGH DADO)	480.0	795.00	Sq m	381,600
	C	NEW FIXTURES AND PIPELINES				
		Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low fixtures complete, including cutting and making good the walls andlevel white P.V.C. flushing cistern, including flush pipe, with				

13	17.1.1	manually controlled device (handle lever) conforming to IS : 7231, with all fittings and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	6.0	4,471	EACH	26,825
14	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	8.0	3,723.20	EACH	29,786
15	17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	6.0	2,135.80	EACH	12,815
16	18.3.3	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, including all special fittings of composite materials 2025 (25 mm OD) pipe (INCLUDING INLET OUTLET)	170.0	309.70	metre	52,649
17	MR	Providing and fixing pipeline for soil and				
		plumbing work for wc	6.0	2,000.00	EACH	12,000
		plumbing work for urinal	8.0	500.00	EACH	4,000
18	MR	overall plumbing work inclusive of carriage labour and laying /fixing	665.4	400.00	sqm	266,171

		ALUMINUM WORK WITH GRILL				
		WINDOW (6' X 5') X 12	360		SQFT	
		DOOR (7' X 4') X 9	252		SQFT	
		TOILET DOOR (7' X 2'6") X 7	223		SQFT	
		TOATL AREA	835			
19	21.2.2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-chargePre-laminated particle board with decorative lamination on both sides	77.6	826.90	Sq m	64,169
20	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)	77.6	1,115.10	sqm	86,534
21	N A	Miacellaneous items and other fitting and fixture charge for silicon lining, clips and claps	27.0	1,200	EACH	32,400
22	MR	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete.Fixed to openings/wooden frames (1.5 kg/sqft)	1,905.0	120.00	kg	228,600
		FALSE CEILING	7,160.0		SQFT	

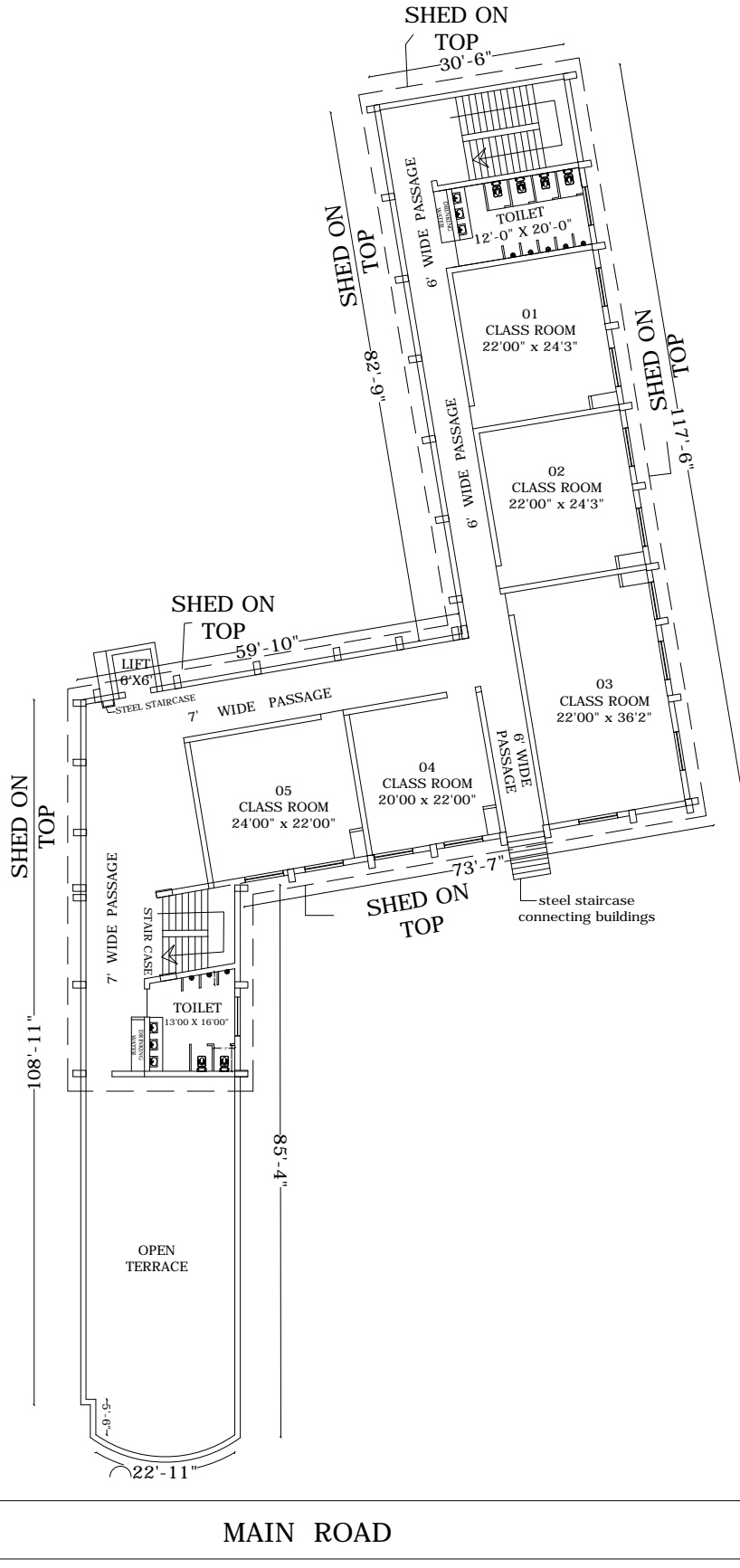
23	12.60.2	Providing and fixing false ceiling with 12 mm thick plain/or with design ceiling tiles of BWP type phenol formaldehyde synthetic resin bonded pressed particle board conforming to IS :3087 finished with a coat of aluminum primer on both sides & edges and two coats of synthetic enamel paint of approved quality on exposed face fixed to a grid made out of anodized aluminum (with 15 micron anodic coating) T-sections 35x15x1.5 mm size main runners and cross runners 23.5x19x1.5 mm fixed to main runners placed 600 mm centre to centre both ways so as to form a grid of 600 mm square. The frame work shall be suspended from ceiling by level adjusting hangers of 6 mm dia M.S. rod fixed to roof slab by means of ceiling cleats. The suspenders shall be placed 600x1200 mm centre to centre including fixing to the frame with CP brass screws and applying a priming coat of zinc chromate yellow primer for steel members complete (Frame work and suspenders to be paid for separately)	665.4	670.90	Sq m	446,435
24	NA	LED AT LIGHT POINTS (UNIT WISE) (inclusive of wire and wiring)	140.0	1,600.00	each	224,000
25	NA	Diffused light of approximate length (desired colour and brand)	195.0	450.00	m	87,750
26	NA	Electrical work and fittings per light	140.0	2,500.00	each	350,000
27	NA	fixtures like switch board and other miscellaneous	lumsun			50,000

PLASTER AND PAINTING						
28	13.11.1	Cement plaster in course sand 12 mm cement plaster of mix: 1:3 (1 cement:3 coarse sand)	1850	164.30	SQM	303,955
29	13.80 A.1	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	1850	81.1	sqm	150,035
30	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 (ceiling NOT included)	1850	86.4	sqm	159,840
	F	MISCELLANEOUS WORK (Both toilets)				
31	N A	exhaust fan (providing and fixing)	LUMSUM			10,000
32	N A	Shower,taps etc	LUMSUM			30,000
33	N A	Steel ladder for machine room access	LUMSUM			12,000
			TOTAL			8,271,493
		Electrical work (including main wiring, main circuit board, connectors, switch boards, fuse, laying etc)(excluding false ceiling wiring)	8.0%			661,719
			GRAND TOTAL			8,933,212
			rate per sqft			1,248

SAY TOTAL - 89,33,200/-

EIGHTY NINE LAKH THIRTY THREE THOUSAND TWO HUNDRED ONLY

Note:Rates are inclusive of GST.



PROJECT: -	D.A.V. PUBLIC SCHOOL MEDICAL	ARCHITECTS:- HAPPY&ASSOCIATES Add:- Near Hindustan Press, Cotton Mill, Gaya - 823001 (Bihar)
SHEET TITLE: -	PROPOSED TERRACE FLOOR PLAN (ON EXISTING G+2 SCHOOL BUILDING)	Mob. No. 7739269750, 700467722 / Email : happyandassociate@gmail.com, Website : www.happysgroup.com

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ABSTRACT OF COST FOR PROPOSED LIFT (GROUND FLOOR TO THIRD FLOOR) FOR EXISTING G+3 BUILDING AT D.A.V PUBLIC SCHOOL, MEDICAL BRANCH, GAYA, BIHAR

Ref no - DAV-HA-

Date -

Serial	SoR	Particulars	Quantity	Rate	Unit	Amount
		LIFT OUTER SIZE (7'8" X 7'8")	60.0		SQFT	
		(A) Foundation				
		making opening in the wall for lift access				
1	MR	breaking existing wall in all floors to the size of lift door for easy access and then finishing off the plaster (inclusive of disposal of debris)		lumsun		15,000
		Foundation (6' x 6')				
		(Earth work And sand Filling)				
2	2.6	Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well es 10 sqm on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed.				
	2.6.1	All Kinds of soil	45.0	314.90	Cu m	14,171
3	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	28.0	287.30	cu m	8,044
		SECTION-II (P C C / R C C WORK)				
4	4.1	Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.				
	4.1.8	1.4.8 (1 Cement :4 coarse sand :8 graded stone agregate 40 mm nominal size)	2.8	2,975.20	Cu m	8,331
5	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring ,shuttering ,finishing and reinforcement-1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)	13.5	4,688.30	Cu m	63,292

6	5.9	Centring and shuttering including strutting,propping etc. and removal of form for.				
	5.9.1	Foundations, footings, bases of columns etc. for mass concrete.	48.0	211.60	Sq m	10,157
7	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
	5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	68.0	94.50	KG	6,426
	5.22.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	230.0	92.60	KG	21,298
	5.22.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia.	50.0	94.50	KG	4,725
	5.22.7D	Thermo-Mechanically Treated bars TMT Fe-500-16mm dia.	80.0	91.70	KG	7,336
8	13.11.4	12 mm cement plaster of mix:1:6 (1 cement: 6 coarse sand)	10.0	141.50	sq m	1,415
TOTAL						160,194

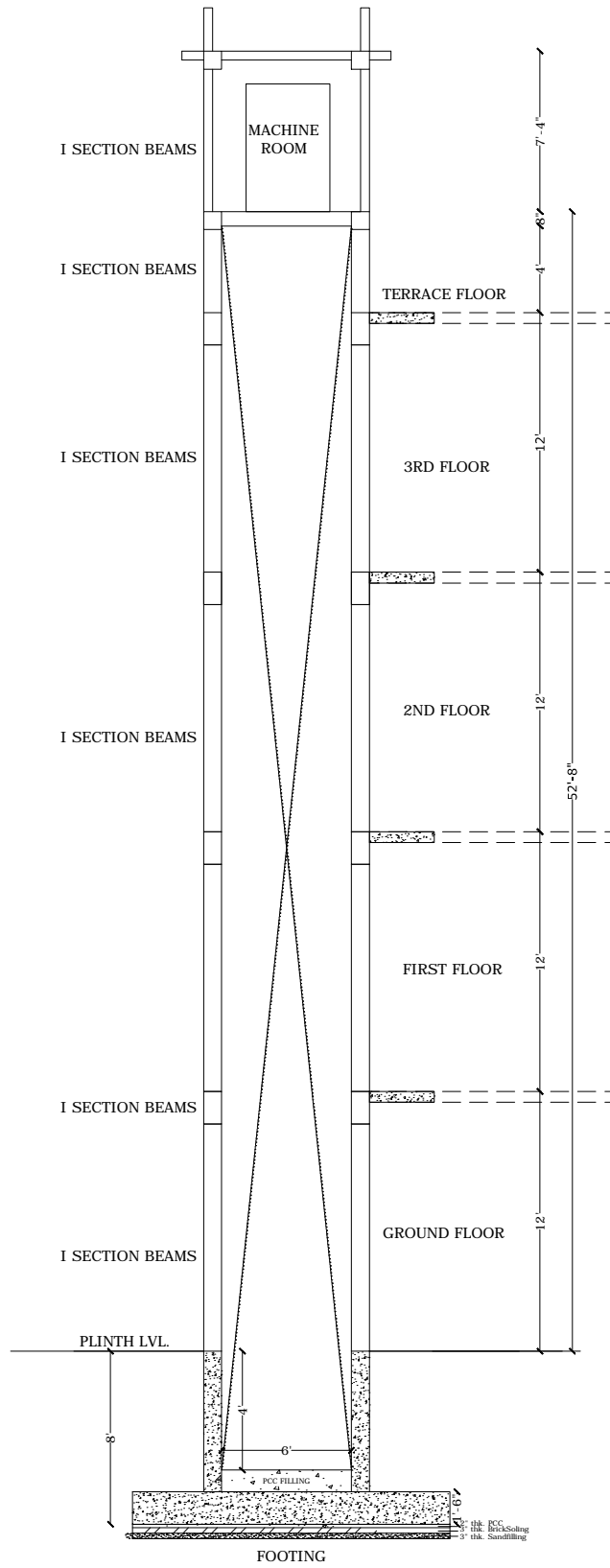
S.NO	SOR	PARTICULARS	QUANTITY	RATE	UNIT	AMOUNT
(B) STRUCTURE IRON LIFT						
1	mr	Providing and installing 6 passenger elevator with structure iron for G+3 building with 4 stops. Stainless steel cabin with automatic doors (inclusive of supply and renovation of elevators, servicing during 12 month warranty period) (Includes beams sections, machine room, cables etc) (Rates May vary with brand)	LUMSUM			1,600,000
TOTAL						1,600,000

TOTAL COST CALCULATION FOR LIFT						
S.NO		PARTICULARS			UNIT	AMOUNT
A		Foundation and pit			Sq ft	160,194
B		Ground floor to Machine room			Sq ft	1,600,000
C		electrical work (3 phase electrical work with cables and installation)		lumsum		100,000
D		electrical cost for installation work		lumsum		15,000
E		Labour for loading and unloading		lumsum		15,000
TOTAL CIVIL COST (A)						160,194
TOTAL COST (A+B+C+D+E+F)						1,890,194

SAY TOTAL - 18,90,100/- NINETEEN LAKH TEN THOUSAND FOUR HUNDRED ONLY

note : lift car suggested to be installed of reputed brands (However other companies may be used and prices would vary accordingly)

rates are inclusive of GST.



PROJECT:-	DAV PUBLIC SCHOOL MEDICAL, GAYA, BIHAR	DATE:-	NORTH:-	ARCHITECTS:- HAPPY&ASSOCIATES Add :- Near Hindustan Press , Cotton Mill Gaya -823001 (Bihar) Mob No.:- 7739269750 , 7004657722 Email:- happyandassociates@gmail.com website : - www.happygroup.com
SHEET TITLE:-	LIFT SECTION	SHEET NO:-		