

D.A.V. PUBLIC SCHOOL, SIDHWALIA, CHHAPRA, BIHAR

Work Description

ABSTRACT OF CONSTRUCTION OF BLOCK-1, PH-I (SECOND FLOOR) FOR D.A.V. PUBLIC SCHOOL, SIDHWALIA, CHHAPRA, BIHAR				
SI. No.	S.O.R.	DESCRIPTION	Qty.	Unit
(A) SECOND FLOOR				
Cov. Area of Second floor = 14444.50 SFT (1342.42 SQM)				
SECTION-I (CINDER CONCRETE FILLING)				
1	MR	Cinder concrete filling in ratio of 1:20 (1 Cement; 20 Cinder) for sunken slabs, all complete as per direction of Engineer.	27.20	Cum
SECTION-II (R.C.C./P.C.C. WORK)				
2	5.2	Reinforced cement concrete work 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.		
	5.2.2	1:1.5:3 (1 cement, 1.5 coarse sand, 3 graded stone aggregate 20mm nominal size)	54.22	Cum
3	5.3	Reinforced cement concrete work in Beans, suspended floors, roofs, having slope upto 15 landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spirial stair cases upto floor five level excluding the cost of centering shuttering, finishing and reinforcement with 1:1.5:3 (1 cement/ 1.5 coarse sand/ 3 graded stone aggregate 20 mm nominal size)	257.72	Cum
4	5.5	Reinforced cement concrete work in arches, archribs domes, vaults, shells, folded plates and roofs having slope more than 15* upto floor five level excluding the cost of centering, shuttering finishing and reinforcement with 1:1.5:3 (1 cement; 1.5 coarse sand; 3 graded stone aggregate 20 mm nominal size)	4.47	Cum
5	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	1342.42	Sqm
	5.9.4	Shelves (Cast in situ)	18.67	Sqm
	5.9.5	Lintels, Beams, plinth beams, grindlers, bressumers and cantilevers	826.59	Sqm
	5.9.6	Columns, pillars, piers, abutments posts and struts	644.89	Sqm
	5.9.9	Arches, domes, vaults upto 6m span	63.98	Sqm
	5.9.16	Edges of slabs and breaks in floors and walls		
	5.9.16.1	Under 20 cm wide	268.13	Rm
	5.9.19	Weather shade, chajjas, corbels etc. including edges	41.89	Sqm
6	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	15060	Kg
	5.22.7B	Thermo-Mechanically treated bars TMTC-500-10mm	5050	Kg
	5.22.7C	Thermo-Mechanically treated bars TMTC-500-12mm	7500	Kg
	5.22.7D	Thermo-Mechanically treated bars TMT Fe500-16mm	12000	Kg
	5.22.7E	Thermo-Mechanically treated bars TMT Fe500-20mm	10200	Kg
SI. No.	S.O.R.	DESCRIPTION	Qty.	Unit
SECTION-III (MASONRY WORK)				
7	6.1.14A+6.3 A	Brick work with bricks of class designation 100A in super structure above plinth level upto floor V level in cement mortar 1:6 (1 cement; 6 coarse sand)	280.57	Cum
8	6.18.4A+6.19 A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in cement mortar 1:4 (1 cement; 4 coarse sand)	384.21	Sqm
SECTION-IV (FLOORING WORK)				
9	11.26	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of C.M. 1:4 (1 cement, 4 coarse sand)		
	11.26.1	20 to 25 mm thick	510.88	Sqm
10	11.27	Kota stone slabs 20mm thick in risers of steps, skirting, dado and pillars laid on		

		12mm average thick cement mortar 1:3 (1 cement, 3 coarse sand and jointed with grey cement slurry mixed with pigment to match the shade of the slabs including rubbing and polishing complete	45.03	Sqm
11	11.23	Marble stone flooring with 18mm thick marble stone (sample of marble shall be approved by Engineer-in-charge) over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) laid 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 upto 0.20 sqm	464.77	Sqm
12	11.22	Tile work in skirting, risers of steps and dado (upto 2m height) over 12 mm 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) Raj nagar 8mm thick	43.17	Sqm
13	11.41	Providing and laying vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorbtions less than 0.08% and confirming to IS:15622 of approved make in all colours and shades laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigment etc. complete		
	11.41.1	Sizes of tiles 50x50 cm	118.40	Sqm
14	11.47	Providing and laying vitrified tiles in different sizes (thickness to be specified by the manufacturer) with water absorbtions less than 0.08% and confirming to IS:15622 of approved brand and manufacture, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS:15477, in average 6mm thickness, including grouting of joints (payment of grouting of joints to be made separately)		
	11.47.1	Sizes of tiles 50x50 cm	10.15	Sqm
Sl. No.	S.O.R.	DESCRIPTION	Qty.	Unit
15	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 chage 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	496.05	Sqm
16	11.72	Providing designation 100A one brick flat soling joints filled with local sand including cost o watering, taxes, royalty all complete as per building specification ad direction of E/I	89.22	Sqm
SECTION-V (PLASTER WORK)				
17	13.11	12mm cement plaster of mix		
	13.11.4	1:6 (1 cement; 6 coarse sand)	1830.18	Sqm
18	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)	1828.55	Sqm
19	13.24	6 mm cement plaster to ceiling of mix		
	13.24.2	1:4 (1 cement; 4 coarse sand)	876.20	Sqm
SECTION-VI (CARPENTRY, STEEL, HARDWARE)				
20	10.14.1	Providing and fixing T-iron frames for doors windows and ventilators of mild steel T-section, joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks of 15x10x10cm of 1:3:6 (1 cement; 3 coarse sand; 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including	903	Kg
21	10.12.1	Providing and fixing steel glazed doors, windows and ventilators of standard rolled steel sections, joints mitred and welded with 15x3 mm lugs 10cm long with steel lugs embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement; 3 coarse sand; 6 graded stone aggregate 20mm nominal size) with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including providing and fixing of 4mm glass panes with glazing clips and special metal sash putty of approved make complete including applying a primer coat of approved steel primer, excluding the cost of metal beading and other file except		

		necessary hinges or pivot as required	167.49	Sqm
22	9.5.2.2	Providing and fixing 30mm thick Kiln seasoned and chemically treated hillock wood paneled or paneled and glazed shutters for doors, windows, and clear story windows including black enameled M.S. hinges with necessary screws excluding paneling which will be paid for separately	58.88	Sqm
		Note:- Alluminium sheet coating on inner surface of toilet door upto 4'-0" height shall be provided		
23	9.48	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		
	9.48.1	Fixed to steel windows by welding	1364	Kg
	9.48.2	Fixed to openings/wooden frames with rawl plugs screws etc. Compete	1612	Kg
24	9.100	Providing and fixing alluminium handles anodized (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. Compete		
	9.100.1	125 mm	60	No.
25	9.97	Providing and fixing alluminium sliding tower bolt anodized (anodic coating not less than grade AC 10 as per IS1868) transparent or dyed to required colour and shade with nuts and screws etc. complete		
	9.97.1	300x10mm	30	No.
Sl. No.	S.O.R.	DESCRIPTION	Qty.	Unit
26	9.96	Providing and fixing alluminium sliding door bolt anodized (anodic coating not less than grade AC 10 as per IS1868) transparent or dyed to required colour and shade with nuts and screws etc. complete		
	9.96.1	300 x 16 mm	30	No.
27	9.101	Providing and fixing alluminium hanging floor door stopper anodized (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour and shade with necessary screws etc. complete		
	9.101.2	Twin rubber stopper	16	No.
SECTION-VII (FINISHING WORK)				
28	13.77	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade		
	13.77.2	New work (two or more coats) over and including priming coat with cement primer	2199.10	Sqm
29	13.46 A	Finishing walls with Premium Acrylic smooth exterior paint with silicon additives of required shade		
	13.46 A.1	New work (Two or more coat applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10sqm)	1698.01	Sqm
30	13.48	Finishing with Delux Multi surface paint system for interiors and exteriors using primer as per manufactures specifications		
	13.48.1	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr/10 sqm	271.05	Sqm
31	13.81	Applying priming coat:		
	13.81.2	With ready mixed alluminium primer of approved brand and manufacture on resinous wood and ply wood	123.78	Sqm
	13.81.3	With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works	439.45	Sqm
32	13.82	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade		
	13.82.1	New steel work (Two or more coats)	439.45	Sqm
	13.82.2	New wood work (Two or more coats)	123.78	Sqm
SECTION-III (MISCELLANEOUS WORK)				
33	10.18	Providing And fixing circulat/Hexagonal cast iron or M.S. sheet box for ceiling fan clamp 140mm internal dia, 73mm height 5mm thick rim bottom and top lid of 1.5mm thick. M.S. Sheet with its top surface hacked for proper bonding top lid shall be screwed into the cast iron box by means of 3.3mm dia round headed screws, one lock at the corners. Clamps shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	60	Each
		Add 12% extra for external and internal PHE work, external and internal electrical works		

Important Points:-

1. Date of Tender Notification – 31/05/2026
2. Last Date/Time for Receipt of Bids – 13/06/2026
3. Name and Address of Office Inviting Tender – Principal, DAV Public School, Sidhwalia, Chhapra, Bihar – 841316
4. Contact No. – 9263182232 (P), 7717767740 (O)
5. Map & Other work details can be had from the office of Principal, DAV Public School, Sidhwalia, Chhapra, Bihar

Following points need attention:-

1. Only the quality materials (Branded Company) and workmanship will be acceptable as per norms.
2. Payment will be released after verification of the work by architect.
3. Rates quoted should be inclusive of all taxes, no extra charges will be paid.

S.P. Singh Bansi
Headmaster

Dr. Bijay Kumar Sahu
Manager

Mrs. Shanti Singh
A.R.O.
Bihar Zone - B