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Office Of Municipal Corporation, Bhilai-Charoda

me of work : Construction of additional room and chabutara at ward 03 aklordih govt school

S.O.R : SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT (PWD Building-01-01-2015)

No	Code	Description	Unit	Quantity	Rate	Amount
1	1 1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits In all types of soils	cum	65.52	185.00	24242.40
2	3 1.2	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	cum	16.44	2659.00	43713.96
3	3 2.1	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.	cum	29.62	4163.00	123308.06
4	3 12.1	Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete. Thermo-Mechanically treated bars FE 415	kg	2813.81	54.50	153352.65
5	2.1.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for	sqm.			
A	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.		62.40	139.00	8673.60
B	2.1.5	Columns, Pillars, Piers and likes- rectangular or square in shape		36.00	297.00	10692.00
C	2.1.8	Beams, lintels, cantilevers & walls		59.64	202.00	12047.28
D	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)		91.08	235.00	21403.80
6	7.5.4	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	80.10	3263.00	261366.30
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:	cum	80.10	121.00	9692.10
	11.2.4	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm.	199.50	91.50	18254.25
	11.3.4	Providing and making 15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm.	236.50	107.00	25305.50
	11.1.1	Providing and making 6mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm.	91.08	93.00	8470.44
	14.11.1	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.				
	14.11.1	On new work (two or more coats)	sqm	527.08	52.50	27671.70

No	Code	Description	Unit	Quantity	Rate	Amount
	12.9.2	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete. Size above 300x300mm	sqm	75.96	728.00	55298.88
	9.13	Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.	kg	360.00	75.00	27000.00
	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	cum	34.18	371.00	12681.52
	9.11	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.		4.41	3330.00	14685.30
Construction of shed						
	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils	cum	16.22	185.00	3001.44
	3.1.2	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	cum	17.88	2659.00	47542.92
	7.5.4	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	6.40	3263.00	20883.20
	11.2.4	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm.	18.00	91.50	1647.00
	11.3.4	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:	sqm.	12.00	107.00	1284.00

No	Code	Description	Unit	Quantity	Rate	Amount
	14.16.1	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc complete with: On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	sqm	30.00	74.50	2235.00
	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.	kg	520.00	88.50	46020.00
	14.22.1	Painting on new work (two or more coats) to give an even shade with: Satin Synthetic enamel paint	sqm	20.80	55.00	1144.00
	12.3.2	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 50 mm thick	sqm	25.00	254.00	6350.00
	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	cum	8.00	371.00	2968.00
	10.11	Supply and fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks	sqm	64.00	636.00	40704.00
						₹ 10,00,313.66
				say		₹ 10,00,000.00

B. Sharma