

ABSTRACT

Name of Work : **CONSTRUCTION OF JYOTIKALASH ROOM, SHED & TOILET NEAR MAA KALI MANDIR PODIBAHAR WARD NO. 32**
 As per : **SCHEDULE OF RATES PUBLIC WORKS DEPARTMENT [PWD BUILDING-01.01.2015]**

S.N	REF	ITEM DESCRIPTION	UNIT	QTY	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.				
	1.1	In all types of soils.	cum	105.39	185.00	19,497.15
2	3.1	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.				
	1.2	1:4:8 (1 cement : 4 coarse sand : 8 graded, stone aggregate 40mm nominal size).	cum	34.23	2659.00	91,017.57
3	3.2	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.				
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	cum	55.56	4163.00	231,296.28
4	3.12	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:				
	2.1	Thermo-Mechanically treated bars FE 415	kg	5556.00	54.50	302,802.00
5	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:				
	1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	sqm	63.02	139.00	8,759.78
	1.5	Columns, Pillars, Piers and likes- rectangular or square in shape	sqm	48.6	297.00	14,434.20
	1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	sqm	124.48	235.00	29,252.80
	1.8	Beams, lintels, cantilevers & walls	sqm	133.2	202.00	26,906.40
	1.13	Weather shade, chhajja, Cornices and mouldings	sqm	7	294.00	2,058.00
6	7.5	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:				
	5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	53.63	3263.00	174,994.65
7	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	23.53	121.00	2,847.13
8	11.1	Providing and making 6mm thick cement plaster of mix:				
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)	sqm	230.6	87.00	20,062.20
9	11.2	Providing and making 12mm thick cement plaster of mix:				
	2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	181.25	91.50	16,584.37
10	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:				
	3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)	sqm	196.75	107.00	21,052.25
11	12.12	Providing and laying vitrified floor tiles with soluble salt printing, of size 600x600mm with water absorption less than 0.5% and conforming to IS : 15622 of approved make, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching	sqm	125.5	963.00	120,856.50

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	pigments etc. complete.				
2 9.14	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.	kg	130.00	79.50	10,335.00
13 9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.	kg	210.00	67.50	14,175.00
14 14.13	Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.	sqm	567.86	94.50	53,662.71
15 14.15	Painting exterior surface with 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:				
5.1	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	567.86	56.00	31,800.16
16 14.22	Painting on new work (two or more coats) to give an even shade with:				
17 12.10	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved 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.				
0.1	Size 300x300mm	sqm	21.60	858.00	18,532.80
18 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	70.3	371.00	26,081.30
19 12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm				
5.2	Pigment Coloured (rubber mould) precast interlock concrete blocks	sqm	228.00	632.00	144,096.00
20 12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.				
7.1	Size upto 200x300mm	sqm	23.40	587.00	13,735.80
21 3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.	cum	0.30	4237.00	1,271.10
22 18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :				
1.1	White Long pattern W.C. pan of size 580 mm	each	2.00	2459.00	4,918.00
23 18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required				

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	couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.				
6.2	110 mm dia pipe.	metre	147.00	267.00	39,24
14.22	Painting on new work (two or more coats) to give an even shade with:				
2.1	Satin synthetic enamel paint	sqm	36.46	55.00	2,00

As per Estimate Amount Rs. 1,442,28
FOR ELECTRICAL WORK Add Above 4 % 57,69
Grand Total Rs. 1,499,97
Say Rs.


 Sub Engineer
 Nagar Palik Nigam
 Korba (C.G.)


 Assistant Engineer
 Nagar Palik Nigam
 Korba (C.G.)