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Office of Nagar Panchayat Karera, Distt. Shivpuri [M.P.]

ESTIMATE

Detailed Estimate for Construction of RCC Shed over khar's well in Ward No. 04
(Based on M.P.U.A. & D.D. SOR for Volume 2 Building works from 10th May 2012)

No.	Description of items	No.	L	B	D	Qty.	Rate	unit	Amount (Rs.)
1.	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means 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 50 m.	6	1.10	1.10	1.50	10.89	129	Per Cum.	1404.81
2.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work up to plinth level. Cement concrete grade M10 (Nominal Mix) with 40 mm maximum size of stone aggregate	6	1.10	1.10	0.10	0.726	3528	Per Cum.	2561.32
3.	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement. All work up to plinth level. Cement concrete grade M:20 (Nominal Mix) with 20 mm maximum size of stone aggregate								
	For Sloped Footing	6	1	1	0.20	1.2			
	Sloped Portion	6	0.625	0.625	0.30	0.703			
	For Column	6	0.25	0.25	0.70	0.263			
	For plinth beam	6	4.05	0.25	0.35	2.126			
	Total					4.292	4728	PCum	20292.57
5.	Reinforced cement concrete work in walls (any thickness) including attached plasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor two level excluding cost of centering, shuttering, finishing and reinforcement. Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.								
	For Column	6	0.25	0.25	3.60	1.35	5050	PCum	6817.50
6.	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement with								

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Cement concrete grade M-20 (Nominal Mix with 20 mm maximum size of stone aggregate).								
For Beam	6	4.05	0.22	0.35	1.871			
For Roof Slab (Circular)	1	8.25 ⁹	-	0.125	6.682	5120	PCum	43791.36
Total					8.553			
5. Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire upto floor two level including all wastage etc. complete. 5.20.6 Thermo-Mechanically Treated bars.								
0.65% of Concrete 14.195x0.65%x7880					724.30	60	Kg	43458
Centering and shuttering including strutting, propping etc. and removal of form for 20.1.1 Foundations, footings, bases of columns, etc. For mass concrete.								
For Footing	6x4	1	-	0.2	4.8	138	PSqm	662.4
Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers.								
For Beams	6x2	4.05	-	0.55	17.01			
	6x1	4.05	0.25	-	8.075			
For Beams	6x2	4.05	0.22	-	10.693	203	PSqm	8583.25
	6x1	4.05	-	0.35	8.505			
					42.182			
Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts.								
For Column	6x4	-	0.25	4.30	25.8	282	PSqm	7275.6
Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform.								
For Roof Slab	1	8.25 ⁹	-	-	8.25 ⁹			
	1	25.91	-	-	25.91	227	PSqm	12369.99
Total								
G.Total								147715.81
Say Rs.								148000

Engg.
Nagari Parishad Karera
Distt. Shivnagar

C.M.O
Nagar Parishad Karera
Distt. Shivnagar

President
Nagar Parishad Karera
Distt. Shivnagar

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