

MUNICIPAL CORPORATION BHILAI NIT

कार्य का नाम :- शिवनाथ इंटेकवेल का सिविल संधारण कार्य।

As per PWD Building Sor 20.04.2026

S.N.	Description	No	L.	B.	H.	Qty.	Unit	Rate	Amount
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.								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).		30	5.00	0.20	30	Cum		
	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					200	Kg		
2	Providing and making 12mm thick cement plaster on the rough side of single or half brick wall of mix:								
	In Cement Mortar 1:6 (1 cement : 6 fine sand)		200	3.00		600	Sqm		
3	Steel work welded in built up sections/framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.								
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.					900	KG		
4	Providing and applying Plaster of Paris Putty over Plastered wall Surface including scaffolding Complete.								
	Upto 2 mm thickness to make Surface even and smooth in line and level.					300	Sqm		
5	Providing and laying 3mm thick APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 ltr/sqm. by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/ltr and viscosity 70 - 160 cps. over the primer coat the layer of membrane shall be laid using Butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147.					300	Sqm		


SUB ENGINEER
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