

Name of Wotk :- Construction Of Box Culvert on Vadhela Dhadhodar Road Ch.0/700, Ta.Barwala,
Dist.Botad. (Remaining Work)

CEMENT REQUIREMENT STATEMENT

Sr No.	Item No. of Schedule "B"	Item.	Qty	Consumption in K.G.	Per Unit	Cement required as per Rate.
1	4	Providing and filling in foundation with ordinary cement concrete M-100 mix and providing necessary vertical pin headers incl. Formwork, vibrating, ramming and curing complete.	140.82	220.00	Cum	30980.40
2	5	Providing and casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying vibrating, curing and finishing complete Without V-Grooves For all Hieght.	276.00	290.00	Cum	80040.00
6	8	Providing and fixing "W" shape metal crash safety barrier comprising of 3mm thick galvanised sheet to be fixed on ISMC 150 (150x75x5.4mm) series channel vertical post to be spaced 1.5 mtr. c/c to be kept 1.50mtr height as per MOST spesification incl. necessary foundation, fittings with bolts, painting and required all process as per specificaation adnnd as per drawings.	120.00	17.05	Rmt	2046.00
4	13	Providing and casting in situ Controlled Cement Concrete M-250 for R.C.C. Raft and cut-off walls including neccesary shuttering laying, vibrating ramming of curing complete.	411.20	380.00	Cum	156256.00
9	14	Providing and casting in situ Controlled cement concrete M 25 for R.C.C. Solid slab including centering, scaffolding, curing and finishing complete.	159.50	380.00	Cum	60610.00
10	15	Providing and casting in situ Contolled cement concrete- M-200 mix for Approach slab including formwork, curing and finishing complete.	15.70	360.00	Cum	5652.00
11	16	Providing and casting in situ Controlled cement concrete- M-20 mix for kerbs/Kerb blocks including formwork,curing and finishing complete.	9.70	360.00	Cum	3492.00
5	17	Providing and casting in situ Contolled cement concrete- M-200 for average Various thick wearing coat laid as directed including. tamping, vibrating, finishing, curring and filling in joints with bitumen complete.	117.50	360.00	Cum	42300.00
9	18	Providing and cast in situ controlled Cement Concrete M-200 Mix and providing necessary pin headers including shuttering scaffolding, laying, vibrating, curring and finishing complete without V-grooves (A) all heights.	235.30	360.00	Cum	84708.00

	22	Construction of Precast R.C.C. railing of M 30 grade concrete having 2-tire (Raw) of hand pail dimension as shown on detail drawing and vertical posts not to exceed 2.0m including necessary TMT steel, formwork, painting with weateherproof paint, supoplying of all materail, labour etc. complete as per instruction of Engineer-in-chargee.	101.20	38.60	Rmt	3906.32
14	25	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(V/P)	1.00	78.30	Nos.	78.30
15	26	Hazard Marker sign : Providing and Fixing sign boards made out of 2mm aluminum sheet : size 90*30 cms. rectangle as per design / Drawing attached (IRC). Pretreated with phospheting process and acid etching : coated with one coat of epoxy primer and two coats of best quality epoxy paint: reflectorised with retro reflective sheeting as per latest M.O.S.T specification: 3.1 M. long (2 nos) stand post and frame fabricated from suitable size iron angle of 35*35*3mm and 50*50*5mm : painted with best quality epoxy coatings in black and white bends the details of symbole or inscription / numerals for each board shall be as per the instruction of engineer in charge the fixing at site shall be in 1:2:4 CC block of size 45*45*60 cms for each leg: including excvation curing etc. comp.under the supervision of engineer-in-charge.(B) Engineering Grade	2.00	37.70	Nos.	75.40
				Total		470144.42
				i.e	MT	470.14
				Say	MT	470.10

(.....)
Deputy Executive Engineer
Panchayat R.& B. Sub Division
Botad

(.....)
Executive Engineer
Panchayat R.& B. Division
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TMT STEEL REQUIREMENT STATEMENT

Sr No.	Item No. of Schedule "B"	Item.	Qty	Consumption in M.T.	Per	Steel required as per Rate.
1	6	Providing and Fixing in position FE-500/500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawaing (A)RCC kerb (B) RCC Footpath (B) RCC Solid Slab/ App. Slab / Wearing coat.	50.46		M.T.	50.46
2	7	Providing and laying in Position FE -500/500D TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following (A) Piers (B) Abutments (C) Returns (D) Walls etc.	2.08		M.T.	2.08
2	22	Construction of Precast R.C.C. railing of M 30 grade concrete having 2-tire (Raw) of hand pail dimension as shown on detail drawing and vertical posts not to exceed 2.0m including necessary TMT steel, formwork, painting with weateherproof paint, supoplying of all materail, labour etc. complete as per instruction of Engineer-in-charge,	101.20	0.01	M.T.	1.01
				Total		53.55
				i.e MT		53.55
				Say MT		53.60

BINDING WIRE REQUIREMENT STATEMENT

Sr No.	Item No. of Schedule "B"	Item.	Qty	Consumption in M.T.	Per	Cement required as per Rate.
1	6	Binding Wire....7.50 kg/ M.T.	53.55	7.50	Kg	401.63
				Total		401.63
				i.e MT		0.40
				Say MT		0.50

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