

Name of Work Construction of Khas Village to Military Road (NP) Km. 0/000 to 3/320
:- (Sec. Km.0/820 to 3/320) Ta. Ranpur Dist. Botad (Remaining Work)

CEMENT /STEEL REQUIREMENT STATEMENT

Sr No.	Item No. of Schedule "B"	Item.	Qty	Unit	Rate in K.G.	Per	Cement required as per Rate.
1	13	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.	150.54	Cum	290.00	Cum	43656.60
2	14	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.	22.66	Cum	220.00	Cum	4985.20
3	18	Supplying and fixing reinforced concrete heavy duty non presure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specification including setting and joinng the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. Class NP-3 of following internal diameter with all lead and lift. (i) 900mm Dia.	58.00	Rm	3.74	Rm	216.92
4	19	Supplying and fixing reinforced concrete heavy duty non presure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specification including setting and joinng the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. Class NP-3 of following internal diameter with all lead and lift. (i) 1200mm Dia.	0.00	Rm	5.10	Rm	0.00
5	20	Providing and fixing Precast cement concrete Hectometer as per IRC type design incl. painting, lettering etc. fixing in C.C. 1:5:10.	10.00	No	11.70	No	117.00
6	21	Providing and fixing Precast cement concrete Guard stone as per I.R.C. type design including white washing etc. complete. Fixing in C.C.1:5:10.	180.00	No	11.70	No	2106.00
7	22	Providing and fixing ordinary Kilometer stone of pre-cast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting lettering etc. complete.	3.00	No	35.00	No	105.00
8	24	Supplying and fixing Junction Boards of M.S. plates and angles as per I.R.C. design incl;. Fixing in C.C. 1:4:8 with necessary excavation painting, figuring, lettering on boards etc. complete.	1.00	No	28.80	No	28.80

Sr No.	Item No. of Schedule "B"	Item.	Qty	Unit	Rate in K.G.	Per	Cement required as per Rate.
9	25	Providing and fixing Village name Boards as per standard I.R.C. type design of steel plate incl. painting, lettering etc. complete with fixing in C.C. 1:4:8 block with necessary excavation etc. complete	1.00	No	14.40	No	14.40
10	26	Providing and fixing Road sign of M.S. plate and angle iron incl. painting, lettering etc. complete. fixing in C.C. 1:4:8 block with necessary excavation etc. complete as per IRC type design (i) Reflective Type.	6.00	No	14.40	No	86.40
11	27	Village/Bump Ahead sign. : Providing and fixing sign boards made out of 2mm Aluminium sheet size 90x60 cms. Rectangle as per the design of IRC-67-1977 pre treated with phosphating 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 MOST specification letter and numbers should be as per IRC:30-1968, 3.1 Mt. long (2 nos) stand post and frame fabricated from suitable size iron angle of 50x50x5mm, painted with best quality epoxy coating in black and white bends, the details of symbole on inscription/ numerals for each board shall be as per the instruction of the Engineer in charge. The fixing at site shall be in C.C 1:2:4 block of size 45x45x60cms. for each leg including excavation curring etc. complete under the supervision of engineer in charge (A) Engineer Grade.	2.00	No	37.70	No	75.40
12	28	Railway crossing sign:Providing & Fixing sign boards made out of 2mm aluminium sheet, size 90x90x90cms. triangle plus 90 x 30cms additional plate as per the attached drawing (IRC) pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications 3.1. long stand post and frame fabricated from iron angle of 35 x 35 x 3mm , 75 x 75 x 6mm as required painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 cms for each leg. including excavation curing etc. complete the supervision of engineer in charge.(A) Engineer Grade(VR)...	0.00	No	37.70	No	0.00

Sr No.	Item No. of Schedule "B"	Item.	Qty	Unit	Rate in K.G.	Per	Cement required as per Rate.
13	29	Citizen's information Board. Providing and fixing of typical MMGSY information board as per instruction. Two MS sheets of 3 mm thick, of 900 mm x 750mm size fixed at top & bottom duly rivetted with MS angles of 25 x 25 x 5 mm thick M.S angle shall be welded by two vertical M.S angle of 5 mm thick to 75 mm x 75 mm of 12 SWG square tubes posts duly embedded in cement concrete M-15 grade blocks of 600mm x 600mm x 750mm, below ground level. The letters & figure of any shade reflectorised with High Intensity Prismatic Grade Retro Reflective Sheeting of Type-4 as per ASTM D-4956 and latest MORD specifications; All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paints as per drawing Clause 1701 and Annexure 1700.1 (10.16). (A) Class-B High intensity Grade Retro Reflective sheeting.	1.00	No	78.30	No	78.30
					Total		51470.02
					i.e	MT	51.47
					Say	MT	52.00

STEEL REQUIRED

16	TMT steel	1.180	M.T.
28	TMT steel	0.000	M.T.
Total		1.180	MT

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

Executive Engineer
Panchayat R.& B. Division
Botad