

Construction of Various Structure of Bhavnagar District Pkg.No./RPC-2/BVN/STRC/MMGSY-NORMAL/2025-26/P.NO.5.3 Ta.Palitana Dist.Bhavnagar

BILL OF QUANTITIES

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate In Figures	Amount
1	WBM Grading 1 Providing, laying, spreading and compacting stone aggregates of 45 to 90mm sizes with average lead to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading I as per Technical Specification Clause 405. By Manual Means	454.00	One Cum	1478.56	671266.24
2	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 mtr lead. Dense or hard soil.	1834.00	One Cum	259.93	476711.62
3	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 mtr lead. Hard Murrum	874.00	One Cum	442.90	387094.60
4	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. (A) Height from 0.0 m to 5.0m	2459.10	One Cum	3938.30	9684673.53
5	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.	541.00	One Cum	3362.24	1818971.84
6	Providing and casting in situ Contolled cement concrete- M-200 for avarage 75/150/200MM thick wearing coat laid as directed incuding, tamping, vibrating, finishing, curring and filling in joints with bitumen complete.	566.60	One Cum	5320.24	3014447.98
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) R.C.C. Returns (D) Walls etc.	10.900	One MT	73858.69	805059.72
8	Providing and Fixing in position FE 500/ 500D TMT bar reinforcement including cutting, bending and tying complete as per detailed drawaing (A)RCC kerb (B) RCC Footpath (C) RCC App. Slab (D) Wearing coat.	4.740	One MT	73243.01	347171.87
9	Filling available excavated earth (excluding rock) in trenches plinth sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering.	1849.00	One Cum	137.47	254182.03
10	Supplying and fixing reinforced concrete heavy duty nonpressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.1)1200mm. Dia	707.50	One Rmt.	5560.00	3933700.00
11	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. RCC Work.	540.00	One Cum	952.51	514355.40
12	Removing all types of Hume pipes and stacking within a lead of 1000m including earthwork and Dismantaling of Masonary works as per technical Specification Clause 202.	120.00	One Rmt.	399.13	47895.60
13	Providing and Fixing Flood guage post confirming to IRC 67-2001 using engineering grade retro reflective sheeting including lettering and border as directed. For New structure.	8.00	One No	3046.16	24369.28

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate In Figures	Amount
14	Cautionary warning sign:-Providing & Fixing sign boards made out of 2mm. alluminium sheet size 90x90x90cms. equilateral triangle as per design of IRC-67-1977 Pretrated with phospheting process & acid atching : coated with one coat of apoxy primer and two coats of best quality epoxy paint, reflectorised with retro reflective sheeting as per latest MOSTspecifications. 3.1mt. lomg stand post & frame fabricated from suitable size iron angle of 35x35x3 mm., 75x75x6mm. required paited with best quality epoxy coatings in black and white bends, the detail of symbols 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 45x45x60 cms for each leg, incl. excavation,curing etc. comp.under the supervision of Engineer - in charge. (A) Engineer Grade	4.00	One No	3808.65	15234.60
15	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 refiective 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	2.00	One No	3856.89	7713.78
16	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. (A) Engineer grade	4.00	One No	2423.73	9694.92
17	Providing temporary diversion suitable for traffic during the construction period of the bridge/ cd work by levelling existing ground and supplying and spreading quarry spall in layers etc. complete.	280.00	One Rmt.	721.24	201947.20
Two Crore Twenty Two Lakh Fourteen Thousand Four Hundred Ninety Rupees And Twenty Paise					22214490.21

I \ We am \ are willing to carry out the work at % above \ bellow percent (Should be written in figures and words) of the estimated rate mentioned above. Amount of My \ Our tender works put as under.

* Estimated Amount
Put to tender **Rs.**.....
Deduct.....%

* Estimated Amount
Put to tender **Rs.**.....
Add.....%

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate In Figures	Amount
----------	---	----------	------	-----------------	--------

Net Rs.....

Total Rs.....

In words.....

In words.....

- 1.The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
- 2.The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
- 3.GST and Income tax TDS will be deducted at a source while making payments of bills
- 4.In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C Date:11/05/2017 as stated in
- 5.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

NOTE: Amount Rs 72636 of Dismantalled materials shall be recovered from 1st R.A. bill of Contractor at once.

Signature of Contractor.

Deputy Executive Engineer
Panchayat R&B Sub Division
Palitana

Executive Engineer
Panchayat R&B Division
Bhavnagar