

Name of work :- Construction of Hume pipe Drain on SH to Manpur Methan Road (VR)
Between Km.0/800 to 1/000 Ta.Dhrangadhra, Dist.; Surendranagar. (Under MMGSY-Normal-

BILL OF QUANTITIES

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate	Amount
1	Earthwork for embankment including breaking clods, dressing with all lead and lift (Excluding watering and consolidation) (A) Selected soil should be From borrow area with all lead and lift and should have CBR not less than 6.00%	84.30	One Cum	150.38	12677.03
2	WBM Grading-2 Providing, laying, spreading and compacting stone agg. Of 63mm to 45mm size to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stage to proper grade and camber, applying and brooming, stone screening/binding material to fill-up the intersties of coarse agg., watering and compacting to the required density grading-2 as per Technical Specification Clasue.405 By manual means.	15.10	One Cum	1793.45	27081.10
3	Rolling and Watering of earthwork with vibratory roller including filling in depression which occur during the process and as directed	172.90	One Cum	22.48	3886.79
4	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto all lead. (B) Dense or hard soil.	55.70	One Cum	241.79	13467.70
5	Excavation for foundation upto 1.5m depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto all lead. (C) Hard Murrum	32.90	One Cum	412.00	13554.80
6	Providing and casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scafilding, laying vibrating, curing and finishing complete Without V-Grooves For all Height	133.40	One Cum	3799.60	506866.64
7	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	21.90	One Cum	3226.63	70663.20

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate	Amount
8	Providing and casting in situ Ordinary cement concrete- M-200 for average 75/150mm thick wearing coat laid as directed including. tamping, vibrating, finishing, curing and filling in joints with bitumen complete.	15.10	One Cum	4183.48	63170.55
9	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.	0.670	One MT	73217.52	49055.74
10	Providing and Fixing in position FE- 500/500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing (A)RCC kerb (B) RCC Footpath (B) RCC Solid Slab/ Apron Slab / Wearing coat.	0.270	One MT	72601.86	19602.50
11	Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specification including setting and joining 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.	22.50	One Rmt.	5530.94	124446.15
12	Dismantling the existing structure including removing and stacking the dismantled materials as and where directed. Stone/Rubble masonry.	64.80	One Cum	389.73	25254.50
13	Dismantling G.I. Pipes G.S.W. Pipes and A.C Rain water pipes with fitting and clamps including stacking the materials with all lead and lift (for any of pipe)	22.50	One Rmt.	73.02	1642.95
Rupees Nine Lakh(s) Thirty One Thousand Three Hundred Sixty Nine And Paise Sixty Five Only					931369.65

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.....%

Net **Rs**.....

In words.....

* Estimated Amount

Put to tender **Rs**.....

Add.....%

Total **Rs**.....

In words.....

Item No.	Description of Item (With brief specification and reference to book of Specification)	Quantity	Unit	Rate	Amount
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- 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 S.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.10126/- Of Dismantled materials shall be recovered from 1st R.A. bill of Contractor at once.

Signature of Contractor.

Deputy Executive Engineer
Panchayat R&B Sub Division
Dhrangadhara

Executive Engineer
Panchayat R&B Division
Surendranagar