

## TECHNICAL DETAILS

### Construction of Bridge on River Tapi joining Ved –Variav area in Surat on E.P.C. Basis. (Design, Engineering, Procurement and Construction)



1	<b>Name of Work</b>	Construction of Bridge on River Tapi joining Ved –Variav area in Surat on E.P.C. Basis. (Design, Engineering, Procurement and Construction)
2	<b>Type of Bridge</b>	River Bridge
3	<b>Total Length of Bridge</b>	1444.50 mt.
4	<b>Lane</b>	4 (Four) Lane
5	<b>Year of Construction</b>	Under Progress
6	<b>Total Width of Bridge</b>	
	<b>[a] Bridge in River portion</b>	19.900 mt.
	<b>[b] Bridge in Approaches</b>	16.500 mt.
7	<b>Foundation</b>	Pile Foundation
8	<b>Sub Structure</b>	RCC Solid Pier, Pier Cap, Retaining Wall
9	<b>Super Structure</b>	PSC I-Girder & R.C.C. Deck Slab
10	<b>Bearings</b>	Elastomeric Bearing / POT / PTFE Bearing as per MOST / IRC provisions
11	<b>Wearing coat</b>	Minimum 75mm Bituminous Wearing Coat with 50mm thick DBM + 25 mm thick BC and additional 6 to 8mm thick Micro seal Surfacing as decided by client as per scope of work, price bid and specifications.
12	<b>General Items</b>	RCC Parapet, Crash Barriers, Central Verge
13	<b>Expansion Joint</b>	Strip Seal Type

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1	<b>Tender Amount</b>	Rs.118,42,48,770.60
2	<b>Time Limit</b>	24 Months [Excluding Monsoon]
3	<b>Sanctioned Detail</b>	Std. Comm. Reso. No. 305/2019, Dtd.28/02/2019
4	<b>Name of Contractor</b>	Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad
5	<b>Design Consultant (From Contractor)</b>	L & T I E L, Chennai
6	<b>Project Management Consultancy</b>	Geo Designs and Research Pvt. Ltd., Baroda
7	<b>Proof Check Consultant (From Contractor)</b>	Shah Associates, Ahmedabad
8	<b>Proof Check Consultant</b>	Design Circle, R & B, Gandhinagar