

Construction of flyover bridge on Bhathena junction located on Kharvar nagar to Parvat Patiya BRTS route in South East zone, Surat on E.P.C. Basis. (Design, Engineering, Procurement and Construction).

### TECHNICAL DETAILS

|       |   |   |   |
|-------|---|---|---|
| (1)   | Type of Bridge                          | : | 2 X 2 Lane Fly Over Bridge  |
| (2)   | Length of Bridge                        | : | (1) From Parvat Patiya towards Kharvarnagar (2 Lane) : 580 Meter.     |
|       |   | : | (2) From Kharvarnagar towards Parvat Patiya (2 Lane) : 580 Meter.     |
|       |   | : | Total Length of Bridge including Approach : 1160 Meter.               |
| (3)   | Carriage Way                            | : | (1) From Parvat Patiya towards Kharvarnagar (2 Lane) = 7.5 Meter      |
|       |   | : | (1) From Kharvarnagar towards Parvat Patiya (2 Lane) = 7.5 Meter      |
| (4)   | Type of Foundation                      | : | R.C.C. Pile Foundation  |
| (5)   | Sub Structure                           | : | R.C.C. Pier, Pier Cap, Abutment, Abutment Cap.                        |
| (6)   | Bearing                                 | : | Elastomeric Bearings / POT-PTFE Bearings                              |
| (7)   | Expansion Joint                         | : | Single Strip Seal type Expansion Joint                                |
| (8)   | Super Structure                         | : | PSC Girder & Deck Slab & RCC Solid slab                               |
| (9)   | Total Area of Bridge including Approach | : | 8700 Sq. Mt.  |
| (10)  | SOR Year                                | : | Government of Gujarat R & B Department. SOR-2015-16 (Surat District). |
| ***** |   |   |   |
| (1)   | Name of Contractor                      | : | Rachna Construction, Ankleshwar                                       |
| (2)   | PMC                                     | : | Geo Design Consultant Pvt. Ltd.                                       |
| (3)   | Design Consultant                       | : | Shah Associates, Ahmedabad  |
| (4)   | Proof Checking Consultant               | : | SVNIT and R&B Design Circle, Gandhinagar                              |
| (5)   | Sanctioned Detail                       | : | Standing Committee Resolution No. 425/2021, Dt. 10/06/2021.           |
| (6)   | Tender Amount                           | : | Rs. 37,33,52,913=79   |
| (7)   | Work Order                              | : | No. Bridgecell/Out./306, Dt. 17/06/2021                               |
| (8)   | Time Limit                              | : | 24 Months   |