

| Cost Estimates- Road Network | | | | | | | |
|---|---|------|-------------|--------------|-----------------|-----------------|---|
| S. No. | Description | Unit | Qty. | Rate | Amount (Rs.) | Amount (Crores) | Reference (JDA BSR 2016) |
| 1 | Internal Road with WMM & Bituminous Top | Sq.M | 2,01,586.32 | 1,741.00 | 35,09,61,781.73 | 35.10 | Carriage Way |
| 2 | Footpath and median with PCC Base, 60 mm thick Paver blocks and kerb stone edging | Sq.M | 1,20,295.32 | 1,913.00 | 23,01,24,943.43 | 23.01 | Walkway + Median upto 1 mt. |
| 3 | Trenches for Services | Mtr. | 21,466.62 | 6,497.00 | 13,94,68,615.85 | 13.95 | Total Running Meter of Road |
| 4 | Plantation - Soft scape | Sq.M | 14,363.95 | 383.21 | 55,04,410.16 | 0.55 | Median mor than 1 mt. + Swales |
| 5 | Cycle Track | Sq.M | 21,962.08 | 1,711.00 | 3,75,77,123.33 | 3.76 | |
| 6 | On street Parking | Sq.M | 15,420.70 | 956.00 | 1,47,42,190.35 | 1.47 | |
| Total of Civil Works Rs. | | | | | 77,83,79,064.84 | 77.84 | |
| 7 | Street Lighting with LED (Roads without median) | Mtr. | 5.06 | 14,00,000.00 | 70,81,913.02 | 0.71 | Running length of road with Poles at 25 mt. spacing, single arm light pole |
| 8 | Street Lighting with LED (Roads with median) | Mtr. | 16.41 | 18,00,000.00 | 2,95,34,595.30 | 2.95 | Running length of road with Poles at 25 mt. spacing, double arm light pole along the median |
| 9 | Signages | Nos. | 500.00 | 2,000.00 | 10,00,000.00 | 0.10 | Market rate |
| Total of Other works Rs. | | | | | 3,76,16,508.32 | 3.76 | |
| Gross Total Rs.(Civil + Other) | | | | | 81,59,95,573.16 | 81.60 | |
| Note: The costs are derived based on the standard rates as per JDA BSR 2016 | | | | | | | |



Amit Gotecha
Deputy Center Head, CUPP

| Estimate cost of Water Supply, Sewerage Works and Rain Water Harvesting Works | | | | | | | | | | |
|---|---|--------------|---|--|--|---|---|------------------------------------|--|------------------------------|
| S. No. | Name of Scheme | Area (Sqm) | Estimated Population for Residential Zone | Estimated Population for Commercial Zone | Water Supply (MLD) | | Cost of Water Supply (₹ in Crore) | Sewerage System Capacity STP (MLD) | Cost of Sewerage Network (₹ in Crore) | RWHS (₹ in Crore) |
| | | | | | Residential Zone Demand for Water supply @159 LPCD (150 LPCD + 8% supply losses) | Commercial Zone Demand for Water supply @16 LPCD (15 LPCD + 8% supply losses) | Cost of water supply works @ 130/sq.mt. | Capacity STP | Cost of water supply works @ 149.43/sq.mt. | Cost of Harvesting Structure |
| 1 | JDA Residential Scheme in Jaisinghpura village | 17,26,124.87 | 63000 | 11000 | 10.21 | 0.18 | 22.44 | 8.16 | 25.79 | 1.00 |
| 2 | Total | | | | 10.21 | 0.18 | 22.44 | 8.16 | 25.79 | 1.00 |
| 3 | Extra for share cost of Bisalpur water supply scheme @ ₹ 5 Cr per MLD | | | | | | 51.91 | | | |
| 4 | Extra for STP @ ₹ 2 Cr per MLD | | | | | | | | 16.33 | |
| 5 | Extra for treated water pipe line for gardening (Lumpsum) | | | | | | | | 1.50 | |
| 6 | Total | | | | | | 74.35 | | 43.62 | 1.00 |
| 7 | Grand Total (Water Supply + Sewerage + RWHS) | 118.97 | | | | | | | | |

Note: The costs are derived based on the standard rates as per JDA BSR 2016

This estimate doesnot include the cost of storm water drainage netowk



Amit Gotecha
Deputy Center Head, CUPP