

Name of Work -  
 Situation of work -  
 Agency by which work is executed -  
 Date of measurement -  
 No. and date of agreement -  
 (These four lines should be repeated at the commencement  
 of the measurements relating to each work).

| Particulars                             | Details of actual measurement |    |    |    | Contents<br>of area |
|-----------------------------------------|-------------------------------|----|----|----|---------------------|
|                                         | No.                           | L. | B. | D. |                     |
| 1st on a/c hill                         |                               |    |    |    |                     |
| Name of work - Constn of road           |                               |    |    |    |                     |
| from Rajanpur kasan                     |                               |    |    |    |                     |
| bus road to Rajes-                      |                               |    |    |    |                     |
| war sthan (pangaon)                     |                               |    |    |    |                     |
| Jamwal village via                      |                               |    |    |    |                     |
| Gopibur and sahidi                      |                               |    |    |    |                     |
| Ag. no - 17/S&D/mmbay/18-18             |                               |    |    |    |                     |
| Agency - Kamlesh Kumar                  |                               |    |    |    |                     |
| Date of Constn - 25.04.18               |                               |    |    |    |                     |
| Time of completion - 24.04.18           |                               |    |    |    |                     |
| Date of measurd - 8/1/19                |                               |    |    |    |                     |
| 1) Providing & fixing of working        |                               |    |    |    |                     |
| benchmark                               |                               |    |    |    | 2.0 km              |
| 2) clearing and grubbing                |                               |    |    |    |                     |
| road land.                              |                               |    |    |    |                     |
| $2 \times 10 \times 30.0 \times 3.55 =$ |                               |    |    |    | 2130.0              |
| $2 \times 10 \times 30.0 \times 3.50 =$ |                               |    |    |    | 2100.0              |
| $2 \times 10 \times 30.0 \times 3.55 =$ |                               |    |    |    | 2130.0              |
| $2 \times 10 \times 30.0 \times 3.50 =$ |                               |    |    |    | 2100.0              |
| $2 \times 10 \times 30.0 \times 3.50 =$ |                               |    |    |    | 2100.0              |
| $2 \times 10 \times 30.0 \times 3.55 =$ |                               |    |    |    | 2130.0              |
| $2 \times 5 \times 30.0 \times 3.50 =$  |                               |    |    |    | 1050.0              |
|                                         |                               |    |    |    | 12800               |
|                                         |                               |    |    |    | 14100               |
|                                         |                               |    |    |    | 1.61 Hec.           |
|                                         |                               |    |    |    | 1.40 Hec.           |
|                                         |                               |    |    |    | 1.38 Hec.           |

Continuation

# Abstract of cost.

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| Particulars                                            | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                        | No.                           | L. | B. | D. |                  |
| (1) Setting out pillars                                |                               |    |    |    |                  |
| Qty = 2.00 km wide P-15                                |                               |    |    |    |                  |
| @ Rs. 14085.69/km                                      |                               |    |    |    | Rs. 28171.38     |
| (2) Clearing and grubbing<br>wood land.                |                               |    |    |    |                  |
| Qty = 1.38 Hect wide P-15                              |                               |    |    |    |                  |
| @ Rs. 48744.04/Hect                                    |                               |    |    |    | Rs. 67266.77     |
| (3) Box cutting                                        |                               |    |    |    |                  |
| Qty = 19720 m <sup>3</sup> wide P-15                   |                               |    |    |    |                  |
| @ Rs. 72.56/m <sup>3</sup>                             |                               |    |    |    | Rs. 14345.11     |
| (4) Construction of embankment<br>want up to width     |                               |    |    |    |                  |
| approved material<br>obtained from<br>road way cutting |                               |    |    |    |                  |
| Qty = 118.622 m <sup>3</sup> wide P-15                 |                               |    |    |    |                  |
| @ Rs. 26.10/m <sup>3</sup>                             |                               |    |    |    | Rs. 3095.98      |
| (5) Constn of embankment<br>up to 100.00 m land        |                               |    |    |    |                  |
| Qty = 4592.79 m <sup>3</sup> wide P-30                 |                               |    |    |    |                  |
| @ Rs. 106.27/m <sup>3</sup>                            |                               |    |    |    | Rs. 487471.37    |
| (6) Constn of embankment<br>up to 1000.00 m land       |                               |    |    |    |                  |
| Qty = 808.72 m <sup>3</sup> wide P-30                  |                               |    |    |    |                  |
| @ Rs. 146.35/m <sup>3</sup>                            |                               |    |    |    | Rs. 118356.17    |
| Total =                                                |                               |    |    |    | Rs. 78706.78     |

Continuation

| Particulars                                                       | Details of actual measurement     |    |    |    | Contents of area |
|-------------------------------------------------------------------|-----------------------------------|----|----|----|------------------|
|                                                                   | No.                               | L. | B. | D. |                  |
| (7) Constn. of Subgrade & earthen shoulder with approved material |                                   |    |    |    |                  |
| Dty =                                                             | 1031.25 m <sup>2</sup> widep (14) |    |    |    |                  |
|                                                                   | 229.24 m <sup>2</sup> widep (25)  |    |    |    |                  |
| Total =                                                           | 1240.49 m <sup>2</sup>            |    |    |    |                  |
|                                                                   | @ R. 148.45/m <sup>2</sup>        |    |    |    | R. 184150.74     |
| (8) Constn. of G.S.B with well crushed material                   |                                   |    |    |    |                  |
| Dty =                                                             | 918.465 m <sup>2</sup> widep (16) |    |    |    |                  |
|                                                                   | @ R. 2947.74/m <sup>2</sup>       |    |    |    | R. 2707396.02    |
| (9) P.V. laying, spreading and Compacting                         |                                   |    |    |    |                  |
| 103 M. (m) (3)                                                    |                                   |    |    |    |                  |
| Dty =                                                             | 573.75 m <sup>2</sup> widep (16)  |    |    |    |                  |
|                                                                   | @ R. 3696.50/m <sup>2</sup>       |    |    |    | R. 2120866.88    |
| (10) P.V. & applying primer coat with bitumen emulsion (S-1)      |                                   |    |    |    |                  |
| Dty =                                                             | 5898.45 m <sup>2</sup> widep (22) |    |    |    |                  |
|                                                                   | @ R. 4876/m <sup>2</sup>          |    |    |    | R. 287608.42     |
| (11) P.V. and applying tack coat with bitumen emulsion (S-1)      |                                   |    |    |    |                  |
| Dty =                                                             | 5898.45 m <sup>2</sup> widep (23) |    |    |    |                  |
|                                                                   | @ R. 16.34/m <sup>2</sup>         |    |    |    | R. 96380.67      |
| Continuation                                                      |                                   |    |    |    |                  |
| Total = R. 615109.50                                              |                                   |    |    |    |                  |



| Particulars                                                                                  | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                              | No.                           | L. | B. | D. |                  |
| (12) P.V. laying and<br>rolling of close<br>graded P.V.C. 20mm<br>20mm - do - 8/9.           |                               |    |    |    |                  |
| Qty = 5898.45 m <sup>2</sup> vide P-24                                                       |                               |    |    |    |                  |
| @ R. 198.80/m <sup>2</sup> = R.                                                              |                               |    |    |    | 1172611.56       |
| (13) Costs of 4th-reinfor-<br>ced plain cement<br>concrete pavement<br>(P.C.C) M-30 43 grade |                               |    |    |    |                  |
| Qty = 229.12 m <sup>2</sup> vide P-25                                                        |                               |    |    |    |                  |
| @ R. 7920.96/m <sup>2</sup> = R.                                                             |                               |    |    |    | 1814850.35       |
| (14) P.V. RCC M-15 grade<br>(15) km stone                                                    |                               |    |    |    |                  |
| (ii) Ordinary kilowater<br>stone (Pre-cast)                                                  |                               |    |    |    |                  |
| Qty = 02 Nos vide P-31                                                                       |                               |    |    |    |                  |
| @ R. 2531.04 each = R.                                                                       |                               |    |    |    | 5062.08          |
| (iii) 200m Stone (Pre-cast)                                                                  |                               |    |    |    |                  |
| Qty = 08 Nos vide P-31                                                                       |                               |    |    |    |                  |
| @ R. 670.30 each = R.                                                                        |                               |    |    |    | 5362.40          |
| (15/16) P.V. and fixing of<br>typical M.A.S.S.Y. inter-<br>natory sign board                 |                               |    |    |    |                  |
| Qty = 02 Nos vide P-16                                                                       |                               |    |    |    |                  |
| @ R. 8148.30 each = R.                                                                       |                               |    |    |    | 16296.60         |

Continuation

Total = R. 9129292.79

| Particulars                                             | Details of actual measurement |                     |          |            | Contents of area |
|---------------------------------------------------------|-------------------------------|---------------------|----------|------------|------------------|
|                                                         | No.                           | L.                  | B.       | D.         |                  |
|                                                         |                               |                     | R/P = P. | 9129.92.79 |                  |
| (16/17) Printing name letters and figures & any shades  |                               |                     |          |            |                  |
| Qty =                                                   | 176.00                        | Per sqm vide P-(31) |          |            |                  |
|                                                         | @ R.                          | 0.49/letter         | P.       | 86.24      |                  |
| (17/18) Plv and bisery & retro-reflecting caution board |                               |                     |          |            |                  |
| (i) 600mm $\Delta$                                      |                               |                     |          |            |                  |
| Qty =                                                   | 04 Nos                        | vide P-(31)         |          |            |                  |
|                                                         | @ R.                          | 1745.25 each        | P.       | 6981.50    |                  |

|                                                                   |                       |               |    |           |  |
|-------------------------------------------------------------------|-----------------------|---------------|----|-----------|--|
| (ii) 800 x 600mm $\square$                                        |                       |               |    |           |  |
| Qty =                                                             | 02 Nos                | vide P-(31)   |    |           |  |
|                                                                   | @ R.                  | 1872.86 each  | P. | 3745.72   |  |
| (iii) 600mm x 450mm $\square$                                     |                       |               |    |           |  |
|                                                                   | @ R.                  |               |    |           |  |
| Qty =                                                             | 02 Nos                | vide P-(31)   |    |           |  |
|                                                                   | @ R.                  | 1790.15 each  | P. | 3580.30   |  |
| (18/19) Plv & laying of hot applied thermoplastic compound 2.50mm |                       |               |    |           |  |
| Qty =                                                             | 308.00 m <sup>2</sup> | vide P-(32)   |    |           |  |
|                                                                   | @ R.                  | 626.02/100 P. | P. | 199074.36 |  |

Continuation

Total = R. 7242760.41  
9276500.00

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| Particulars                                              | Details of actual measurement |           |    |    | Contents of area                                                                           |
|----------------------------------------------------------|-------------------------------|-----------|----|----|--------------------------------------------------------------------------------------------|
|                                                          | No.                           | L.        | B. | D. |                                                                                            |
|                                                          |                               |           |    |    | $\frac{1}{2} \times 23.565 \times 100 = 2356.5$<br>$\frac{1}{2} \times 7242.960 = 3621.48$ |
| (19/20) E/W in excavation<br>for foundation of structure |                               |           |    |    |                                                                                            |
| Qty =                                                    | 222.08 m <sup>3</sup>         | vide P-11 |    |    |                                                                                            |
|                                                          | 89.39 m <sup>3</sup>          | vide P-26 |    |    |                                                                                            |
| Total =                                                  | 312.47 m <sup>3</sup>         |           |    |    |                                                                                            |
|                                                          | @ Rs. 280.02/m <sup>3</sup>   |           |    |    | Rs. 87497.85                                                                               |
| (20/22) P/W P.C.C. in Sub-structure M-5                  |                               |           |    |    |                                                                                            |
| Qty =                                                    | 66.46 m <sup>3</sup>          | vide P-11 |    |    |                                                                                            |
|                                                          | 13.79 m <sup>3</sup>          | vide P-26 |    |    |                                                                                            |
| Total =                                                  | 80.25 m <sup>3</sup>          |           |    |    |                                                                                            |
|                                                          | @ Rs. 6648.42/m <sup>3</sup>  |           |    |    | Rs. 533535.70                                                                              |
| (21/21) P/W P.C.C. in open<br>boundary M-10 grade        |                               |           |    |    |                                                                                            |
| Qty =                                                    | 15.79 m <sup>3</sup>          | vide P-16 |    |    |                                                                                            |
|                                                          | @ Rs. 6811.63/m <sup>3</sup>  |           |    |    | Rs. 107555.64                                                                              |
| (22/23) P/W P.C.C. in Sub-structure<br>M-15 grade        |                               |           |    |    |                                                                                            |
| Qty =                                                    | 32.30 m <sup>3</sup>          | vide P-12 |    |    |                                                                                            |
|                                                          | @ Rs. 7127.20/m <sup>3</sup>  |           |    |    | Rs. 230208.56                                                                              |
| (23/24) P/W Deep holes in<br>stone masonry               |                               |           |    |    |                                                                                            |
| Qty =                                                    | 72 Nos                        | vide P-17 |    |    |                                                                                            |
|                                                          | @ Rs. 136.50 each             |           |    |    | Rs. 9828.00                                                                                |

Continuation

Total = Rs. 1,03,11,386.76  
1,03,05,125.0



| Particulars                                               | Details of actual measurement |    |                             |              | Contents of area |
|-----------------------------------------------------------|-------------------------------|----|-----------------------------|--------------|------------------|
|                                                           | No.                           | L. | B.                          | D.           |                  |
|                                                           |                               |    | R/F = A.                    | 1030         | 125.8            |
|                                                           |                               |    |                             | 1031         | 386.16           |
| (24/25) M/RCC in Sub-structure                            |                               |    | M-25                        |              |                  |
| Qty = 20.04 m <sup>3</sup>                                |                               |    | vide P-17                   |              |                  |
|                                                           |                               |    | @ R. 8412.32/m <sup>3</sup> | R. 168582.87 |                  |
| (25/26) Supplying, bidding and placing HYSD bars (Fe-415) |                               |    |                             |              |                  |
| Qty = 2.02 MT                                             |                               |    | vide P-17                   |              |                  |
|                                                           |                               |    | @ R. 61302.57/MT            | R. 122831.19 |                  |
| (26/27) Back filling behind abutment                      |                               |    |                             |              |                  |
| Qty = 68.56 m <sup>3</sup>                                |                               |    | vide P-17                   |              |                  |
|                                                           |                               |    | @ R. 724.39/m <sup>3</sup>  | R. 49664.18  |                  |
| (27/28) P.V. & Laying filter media with crs               |                               |    |                             |              |                  |
| Qty = 39.64 m <sup>3</sup>                                |                               |    | vide P-18                   |              |                  |
|                                                           |                               |    | @ R. 3208.65/m <sup>3</sup> | R. 127100.89 |                  |
| (28/29) P.V. RCC M-20 grade in substructure               |                               |    |                             |              |                  |
| Qty = 23.36 m <sup>3</sup>                                |                               |    | vide P-18                   |              |                  |
|                                                           |                               |    | @ R. 7581.23/m <sup>3</sup> | R. 177097.53 |                  |
| (29/30) PM and Laying RCC in Super structure              |                               |    | M-25 grade                  |              |                  |
| Qty = 8.75 m <sup>3</sup>                                 |                               |    | vide P-18                   |              |                  |
|                                                           |                               |    | @ R. 8815.24/m <sup>3</sup> | R. 77898.30  |                  |
| Continuation                                              |                               |    |                             |              |                  |
| Total R. 1085151.14                                       |                               |    |                             |              | 1085151.14       |

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| Particulars                                                             | Details of actual measurement |    |    |    | Contents of area                                        |
|-------------------------------------------------------------------------|-------------------------------|----|----|----|---------------------------------------------------------|
|                                                                         | No.                           | L. | B. | D. |                                                         |
|                                                                         |                               |    |    |    | $81P = \text{Rs. } 11025151.14$<br>$10.23 \times 22.75$ |
| (30/31) supplying, fitting & placing HYSD reinforcement in Substructure |                               |    |    |    |                                                         |
|                                                                         |                               |    |    |    | Qty = 0.74 MT vide P-18                                 |
|                                                                         |                               |    |    |    | @ Rs. 62376.26/MT Rs. 46173.23                          |
| (31/32) Construction of PCC railing at M-25 grade                       |                               |    |    |    |                                                         |
|                                                                         |                               |    |    |    | Qty = 8.00 m vide P-18                                  |
|                                                                         |                               |    |    |    | @ Rs. 7538.37/m Rs. 60306.96                            |
| (32/33) P.V. Drainage Spots                                             |                               |    |    |    |                                                         |
|                                                                         |                               |    |    |    | Qty = 8 nos vide P-18                                   |
|                                                                         |                               |    |    |    | @ Rs. 549.56 each Rs. 4396.48                           |
| (33/34) Plain Cement Concrete in Sub-Structure                          |                               |    |    |    |                                                         |
|                                                                         |                               |    |    |    | $101.23$<br>$Qty = 124.97 \text{ m}^3$ vide P-27        |
|                                                                         |                               |    |    |    | @ Rs. 7581.23/m <sup>3</sup> Rs. 947449.10              |
| (34/35) P.V. PCC NP-3 Pipe for Culvert on first class bedding PCC M10   |                               |    |    |    |                                                         |
|                                                                         |                               |    |    |    | Qty = 22.50 m vide P-27                                 |
|                                                                         |                               |    |    |    | @ Rs. 3609.49/m Rs. 81213.52                            |
|                                                                         |                               |    |    |    | /                                                       |
|                                                                         |                               |    |    |    | Total = Rs. 11994689.2                                  |

Continuation

1181137145



|    |           |                |            |
|----|-----------|----------------|------------|
|    |           | RS.            | 2971248.00 |
| Li | 29/5/2020 | LMT. PWT.      | 797290.00  |
|    | JE        |                |            |
|    |           | <del>N/A</del> |            |
|    |           | 29/05          | JE         |