

# (ABSTRACT OF COST)

31

Sch. XLV-Form No. 134

| Particulars                                                | Details of actual measurement |    |    |       | Contents of area |
|------------------------------------------------------------|-------------------------------|----|----|-------|------------------|
|                                                            | No.                           | L. | B. | D.    |                  |
| N/Work:- Const <sup>n</sup> of road from Jhajha.           |                               |    |    |       |                  |
| Bahia Road road Naigodih                                   |                               |    |    |       |                  |
| to Bathard. Order from G.M.                                |                               |    |    |       |                  |
| Agcn cy:- Sri Ranjet Kumar                                 |                               |    |    |       |                  |
| Ap.No:- 39/SRD/1000G.M./ 2020-21                           |                               |    |    |       |                  |
| Date of work start:- 15-07-2020                            |                               |    |    |       |                  |
| Date of Completion:- 14-03-2021                            |                               |    |    |       |                  |
| Actual date of completion:-                                |                               |    |    |       |                  |
| Ap.value (Comm. Cost) - Rs                                 |                               |    |    | 1.31, | 97,447.00        |
| Rate quoted:- 10% below                                    |                               |    |    |       |                  |
| (1/1) Pls & fixing B.M. Pillar                             |                               |    |    |       |                  |
| Qty V.P. - 25 sets (1/1)                                   |                               |    |    |       |                  |
| 2.20 km @ Rs 5234/3202/4000 Rs 72,046.00                   |                               |    |    |       |                  |
| (2/2) clearing & grubbing road                             |                               |    |    |       |                  |
| land - de                                                  |                               |    |    |       |                  |
| Qty V.P. - 25 sets (2/2)                                   |                               |    |    |       |                  |
| 0.730 Hec @ Rs 51133=76/Hec Rs 39,373.00                   |                               |    |    |       |                  |
| (3/3) Excavation for road ways                             |                               |    |    |       |                  |
| in soil - de                                               |                               |    |    |       |                  |
| Qty V.P. - 25 sets (3/3)                                   |                               |    |    |       |                  |
| 37.50 m <sup>3</sup> @ Rs 126=24/m <sup>3</sup> Rs 4734.00 |                               |    |    |       |                  |
| (4/4) Const <sup>n</sup> of embankment -                   |                               |    |    |       |                  |
| Qty V.P. - 25 sets (4/4)                                   |                               |    |    |       |                  |
| 22.50 m <sup>3</sup> @ Rs 29=57/m <sup>3</sup> Rs 665.00   |                               |    |    |       |                  |
| (5/5) Excavation for road work -                           |                               |    |    |       |                  |
| Qty V.P. - 25 sets (5/5)                                   |                               |    |    |       |                  |
| 37.50 m <sup>3</sup> @ Rs 74=16/m <sup>3</sup> Rs 2791.00  |                               |    |    |       |                  |

  
 10/6/21  
 Executive Engineer  
 Rural Works Department  
 Works Division, Jhajha

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| Particulars                                                                                                                             | Details of actual measurement |    |    |             | Contents of area |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|-------------|------------------|
|                                                                                                                                         | No.                           | L. | B. | D.          |                  |
|                                                                                                                                         |                               |    |    | 13. = 12.11 | 9.539 =          |
| (6/7) Const <sup>n</sup> of embankment with<br>apportioned materials —<br>with lead up to 100 m —<br>Qty v.m.B. 1371 P-31 Item (i) (ii) |                               |    |    |             |                  |
| 179.93 m <sup>3</sup> @ 135 = 82/10 <sup>3</sup> — 13                                                                                   |                               |    |    |             | 21.527 =         |
| (7/8) Const <sup>n</sup> of embankment with<br>lead up to 100 m —<br>Qty v.m.B. 1371 P-32 Item (i) (ii)                                 |                               |    |    |             |                  |
| 476.38 m <sup>3</sup> @ 135 = 12/10 <sup>3</sup> — 13                                                                                   |                               |    |    |             | 64.368 =         |
| (8/9+10) Const <sup>n</sup> of sub-grade &<br>earth shoulder — do 2 1/2<br>Qty v.m.B. 1371 P-31 Item (i) (ii)                           |                               |    |    |             |                  |
| 4348.88 m <sup>3</sup> @ 136 = 86/10 <sup>3</sup> — 13                                                                                  |                               |    |    |             | 7.69.143 =       |
| (9/11) Const <sup>n</sup> of G.S.B. for 1 — do<br>Qty v.m.B. 1371 P-23 Item (i)                                                         |                               |    |    |             |                  |
| 1390.77 m <sup>3</sup> @ 1314 = 82/10 <sup>3</sup> — 13                                                                                 |                               |    |    |             | 26.63.074 =      |
| (10/12) Plv & laying W.B.M. Gr-3 do<br>482.906 m <sup>3</sup> v.m.B. 1371 P-24 Item (i) (ii)                                            |                               |    |    |             |                  |
| (10/12) Plv & laying W.B.M. Gr-3<br>— do 2 1/2                                                                                          |                               |    |    |             |                  |
| 482.906 m <sup>3</sup> v.m.B. 1371 P-24 Item (i) (ii)                                                                                   |                               |    |    |             |                  |
| 140.625 m <sup>3</sup> — P-24 Item 4 (i)                                                                                                |                               |    |    |             |                  |
| 1.659 m <sup>3</sup> — P-23 Item (i) (ii)                                                                                               |                               |    |    |             |                  |
| 625.19 m <sup>3</sup> @ 2694 = 96/10 <sup>3</sup> — 13                                                                                  |                               |    |    |             | 16.84.183 =      |
| (11/13) Plv & applying Primer coat —<br>Qty v.m.B. 1371 P-25 Item (i) (ii)                                                              |                               |    |    |             |                  |

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| Particulars                                     | Details of actual measurement |    |    |         | Contents of area |
|-------------------------------------------------|-------------------------------|----|----|---------|------------------|
|                                                 | No.                           | L. | B. | D.      |                  |
|                                                 |                               |    |    | B. F 24 | 56,25.897 =      |
| (12/14) pl & applying back coat                 |                               |    |    |         |                  |
| - do - 24                                       |                               |    |    |         |                  |
| Qty v. m. 1371. P-25 (7)                        |                               |    |    |         |                  |
| 6438.75 m <sup>2</sup> @ Rs 15 = 96,581.25      |                               |    |    |         | 99,929 =         |
| (13/15) pl laying & m. of                       |                               |    |    |         |                  |
| close graded brick                              |                               |    |    |         |                  |
| Qty v. m. 1371. P-25 (8)                        |                               |    |    |         |                  |
| 6438.75 m <sup>2</sup> @ Rs 224 = 1,442,062.50  |                               |    |    |         | 46,980 =         |
| (14/16) Const <sup>n</sup> of G.S.B. road       |                               |    |    |         |                  |
| - do - 24                                       |                               |    |    |         |                  |
| 52.633 m <sup>3</sup> Qty v. P-26 (12/16)       |                               |    |    |         |                  |
| 2.212 m <sup>3</sup> Qty v. m. 1371. P-24 (3)   |                               |    |    |         |                  |
| 54.845 m <sup>3</sup> @ Rs 1914 = 1,049,256.30  |                               |    |    |         | 1,01,256 =       |
| (15/17) Const <sup>n</sup> of Unreinforced      |                               |    |    |         |                  |
| c.e. Pavement                                   |                               |    |    |         |                  |
| 300.00 m <sup>3</sup> Qty v. P-27 (13/17)       |                               |    |    |         |                  |
| 3.544 m <sup>3</sup> Qty v. m. 1371. P-25 (5)   |                               |    |    |         |                  |
| 303.544 m <sup>3</sup> @ Rs 7447 = 2,260,541.28 |                               |    |    |         | 22,56,541 =      |
| (16/18) Laying back slip - do                   |                               |    |    |         |                  |
| 239.55 m <sup>2</sup> Qty v. P-24 (14/18)       |                               |    |    |         |                  |
| 234.85 m <sup>2</sup> Qty v. m. 1371. P-26 (10) |                               |    |    |         |                  |
| 474.40 m <sup>2</sup> @ Rs 504 = 2,39,100.00    |                               |    |    |         | 2,39,425 =       |
| (17/19) First laying of a reinforced            |                               |    |    |         |                  |
| concrete pipe 300 mm                            |                               |    |    |         |                  |
| Qty v. P-24 (15/19)                             |                               |    |    |         |                  |
| 67.50 m @ Rs 1582 = 1,06,792.50                 |                               |    |    |         | 1,06,792 =       |

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|-------------------------------------------------------------------------------------------|-------------------------------|----|-----|----------------------------|------------------|
|                                                                                           | No.                           | L. | B.  | D.                         |                  |
|                                                                                           |                               |    | B.P | L <sub>1</sub> 98.76, 8200 |                  |
| (18/21) K.M. Stone                                                                        |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-32 ita (21)                                                           |                               |    |     |                            |                  |
| 3.4 Nos @ R <sub>1</sub> 2171.73 each R <sub>1</sub>                                      |                               |    |     |                            | 6.515 = u        |
| (19/22) 200 m stone -                                                                     |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-32 ita 2(11)                                                          |                               |    |     |                            |                  |
| 9.4 Nos @ R <sub>1</sub> 614.34 each R <sub>1</sub>                                       |                               |    |     |                            | 5529 = u         |
| (20/24) 600 mm spiral road single                                                         |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-32 ita 3(11)                                                          |                               |    |     |                            |                  |
| 9.4 Nos @ R <sub>1</sub> 3494.34 each R <sub>1</sub>                                      |                               |    |     |                            | 31.449 = u       |
| (21/25) 600 mm circular - do                                                              |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-32 ita 2(11)                                                          |                               |    |     |                            |                  |
| 6.4 Nos @ R <sub>1</sub> 4719.96 each R <sub>1</sub>                                      |                               |    |     |                            | 28,320 = u       |
| (22/26) 900 mm x 600 mm rectangle                                                         |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-32 ita 3(11)                                                          |                               |    |     |                            |                  |
| 9.4 Nos @ R <sub>1</sub> 6621.19 each R <sub>1</sub>                                      |                               |    |     |                            | 59,591 = u       |
| (23/27) 600 mm x 450 mm rectangle                                                         |                               |    |     |                            |                  |
| - do -                                                                                    |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-32 ita 3(11)                                                          |                               |    |     |                            |                  |
| 6.4 Nos @ R <sub>1</sub> 4594.50 each R <sub>1</sub>                                      |                               |    |     |                            | 29,567 = u       |
| (24/28) Road marking on                                                                   |                               |    |     |                            |                  |
| BT Surface -                                                                              |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-26 ita 96                                                             |                               |    |     |                            |                  |
| 340.40 m <sup>2</sup> @ R <sub>1</sub> 735 = 44/m <sup>2</sup> R <sub>1</sub> 250,050 = u |                               |    |     |                            |                  |
| (25/30) Road marking on C.P. Surface -                                                    |                               |    |     |                            |                  |
| Qty V.T.M.B. 1371.P-26 ita 9(11)                                                          |                               |    |     |                            |                  |
| 100.40 m <sup>2</sup> @ R <sub>1</sub> 835 = 34/m <sup>2</sup> R <sub>1</sub> 83,534 = u  |                               |    |     |                            |                  |

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| Particulars                                        | Details of actual measurement |    |         |               | Contents of area |
|----------------------------------------------------|-------------------------------|----|---------|---------------|------------------|
|                                                    | No.                           | L. | B.      | D.            |                  |
|                                                    |                               |    | B. F Rs | 1.03.69.375=0 |                  |
| (26/31) R. e. m. s. grade Boundary                 |                               |    |         |               |                  |
| Pillar —                                           |                               |    |         |               |                  |
| Qty V. P. m. s. 1341. P. — 32 ite. (4)             |                               |    |         |               |                  |
| 32.10 Nos @ Rs 484 = 52 each Rs 15525 = 0          |                               |    |         |               |                  |
| (27/32) Div. & fixing direction                    |                               |    |         |               |                  |
| and Place identification                           |                               |    |         |               |                  |
| sign board —                                       |                               |    |         |               |                  |
| Qty V. P. m. s. 1391. P. — 32 ite. (5)             |                               |    |         |               |                  |
| 9.10 Nos @ Rs 11693 = 94 each Rs 1,05,245 = 0      |                               |    |         |               |                  |
| (28/33) Planting of tree by the road               |                               |    |         |               |                  |
| side —                                             |                               |    |         |               |                  |
| Qty V. P. — 27 ite. (16/38)                        |                               |    |         |               |                  |
| 85.10 Nos @ Rs 819 = 92 each Rs 69,693 =           |                               |    |         |               |                  |
| (29/34) Half Brick circular trees                  |                               |    |         |               |                  |
| guard —                                            |                               |    |         |               |                  |
| Qty V. P. — 27 ite. (17/34)                        |                               |    |         |               |                  |
| 85.10 Nos @ Rs 1566 = 34 each Rs 1,33,139 = 0      |                               |    |         |               |                  |
|                                                    |                               |    |         |               | 1,33,133 = 0     |
| (30/35) P.V. & fixing typical masonry              |                               |    |         |               |                  |
| secondary sign board —                             |                               |    |         |               |                  |
| 3.10 Nos of V. P. — 27 ite. (18/35)                |                               |    |         |               |                  |
| 2.10 Nos of V. P. m. s. 1371. P. — 33 ite. (6)     |                               |    |         |               |                  |
| 5.10 Nos @ Rs 9341 = 77 each Rs 46,959 = 0         |                               |    |         |               |                  |
| (31/36) e/w in enclosure for                       |                               |    |         |               |                  |
| structure — Rs                                     |                               |    |         |               |                  |
| Qty V. P. — 24 ite. (19/36)                        |                               |    |         |               |                  |
| 59.5963 @ Rs 294 = 43/m <sup>2</sup> Rs 17,565 = 0 |                               |    |         |               |                  |

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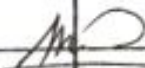
| Particulars                                             | Details of actual measurement |    |      |     | Contents of area |
|---------------------------------------------------------|-------------------------------|----|------|-----|------------------|
|                                                         | No.                           | L. | B.   | D.  |                  |
|                                                         |                               |    | 13.5 | 1.0 | 13.5             |
| (32/37) Plv P.ec 1015 1015 1015                         |                               |    |      |     |                  |
| -fand <sup>10</sup> -                                   |                               |    |      |     |                  |
| Qty V.P. - 28 1/2 (20/37)                               |                               |    |      |     |                  |
| 9.190 m <sup>3</sup> @ Rs 5188 = 47,129 =               |                               |    |      |     |                  |
| (33/38) Plv P.ec 1015 1015 1015                         |                               |    |      |     |                  |
| -do -                                                   |                               |    |      |     |                  |
| Qty V.P. - 28 1/2 (21/38)                               |                               |    |      |     |                  |
| 70.913 m <sup>3</sup> @ Rs 63082 1/2 = 47,342 =         |                               |    |      |     |                  |
| (34/39) Plv P.ec 1015 1015 1015                         |                               |    |      |     |                  |
| -do -                                                   |                               |    |      |     |                  |
| Qty V.P. - 28 1/2 (21/39)                               |                               |    |      |     |                  |
| 15.400 m <sup>3</sup> @ Rs 3556 = 53,342 =              |                               |    |      |     |                  |
| (35/40) Painting on Poropet wall                        |                               |    |      |     |                  |
| -do -                                                   |                               |    |      |     |                  |
| Qty V.T.M. 1271.1 - 28 1/2 (1)                          |                               |    |      |     |                  |
| 41128 m <sup>2</sup> @ Rs 97019/m <sup>2</sup> = 4012 = |                               |    |      |     |                  |
| (36/41) Plv P.ec 1015 1015 1015                         |                               |    |      |     |                  |
| -do -                                                   |                               |    |      |     |                  |
| 109.08 m <sup>3</sup> V.P. - 28 1/2 (23/41)             |                               |    |      |     |                  |
| 12.0 m <sup>3</sup> V.T.M. 2720 (2)                     |                               |    |      |     |                  |
| 91.80 m <sup>3</sup> V.T.M. 1271.1 - 28 1/2 (4)         |                               |    |      |     |                  |
| 59494 =                                                 |                               |    |      |     |                  |
| 59405 =                                                 |                               |    |      |     |                  |
| (37/42) Plv granular sand fillip                        |                               |    |      |     |                  |
| -do -                                                   |                               |    |      |     |                  |
| Qty V.P. - 28 1/2 (24/42)                               |                               |    |      |     |                  |
| 144.48 m <sup>3</sup> @ Rs 1166 = 168,485 =             |                               |    |      |     |                  |
| (38/43) Plv P.ec 1015 1015 1015                         |                               |    |      |     |                  |
| -do -                                                   |                               |    |      |     |                  |
| 126.04 m <sup>3</sup> V.P. - 29 1/2 (26/44)             |                               |    |      |     |                  |
| Qty V.P. - 28 1/2 (25/43)                               |                               |    |      |     |                  |

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|-----------------------------------------------------------------|-------------------------------|----|-----|-------|------------------|
|                                                                 | No.                           | L. | B.  | D.    |                  |
|                                                                 |                               |    | B.F | $R_2$ | 1,115,99.224 = u |
| (39/44) Plv Rec grade m20 Concrete                              |                               |    |     |       |                  |
| ✓ 106.154 m <sup>3</sup> Box cell - do (26/44)                  |                               |    |     |       |                  |
| 201.912 m <sup>3</sup> v.p. - 29 in (2/38)                      |                               |    |     |       |                  |
| 130.500 m <sup>3</sup> v.p. - 1371 P - 27 in (3)                |                               |    |     |       |                  |
| 130.04 m <sup>3</sup> @ $R_2$ 6308 = 41/m <sup>3</sup> - $R_2$  |                               |    |     |       | 6.94,039 = u     |
| Out 710.015 m <sup>3</sup>                                      |                               |    |     |       |                  |
| (40/45) Plv Rec m20 Concrete                                    |                               |    |     |       |                  |
| Box cell - do                                                   |                               |    |     |       |                  |
| Plv v.p. - 29 in (27/45)                                        |                               |    |     |       |                  |
| 6.804 m <sup>3</sup> @ $R_2$ 7407 = 30/m <sup>3</sup> - $R_2$   |                               |    |     |       | 50,339 = u       |
| (41/46) Plv Rec m30 Concrete in                                 |                               |    |     |       |                  |
| Box cell - do                                                   |                               |    |     |       |                  |
| Plv v.p. - 29 in (28/46)                                        |                               |    |     |       |                  |
| 1.638 m <sup>3</sup> @ $R_2$ 13929 = 14/m <sup>3</sup> - $R_2$  |                               |    |     |       | 29,816 = u       |
| (42/47) filter media behind                                     |                               |    |     |       |                  |
| abutment - do - 21/1                                            |                               |    |     |       |                  |
| Plv v.p. - 29 in (29/47)                                        |                               |    |     |       |                  |
| 21.504 m <sup>3</sup> @ $R_2$ 12507 = 31/m <sup>3</sup> - $R_2$ |                               |    |     |       | 29,046 = u       |
| (43/48) Plv weep hole                                           |                               |    |     |       |                  |
| Plv v.p. - 29 in (30/48)                                        |                               |    |     |       |                  |
| 24.000 m <sup>3</sup> @ $R_2$ 243 = 34 each $R_2$               |                               |    |     |       | 5840 = u         |
| (44/50) Plv Boulder Appon                                       |                               |    |     |       |                  |
| Plv v.p. 1371 P - 28 in (5)                                     |                               |    |     |       |                  |
| 91.80 m <sup>3</sup> @ $R_2$ 2479 = 85/m <sup>3</sup> - $R_2$   |                               |    |     |       | 2,27,650 = u     |
| (45/51) S.F. & placing Hyrd Barr                                |                               |    |     |       |                  |
| reinforcement in Boxed                                          |                               |    |     |       |                  |
| do                                                              |                               |    |     |       |                  |

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|                                               | No.                           | L. | B. | D.                    |                     |
|                                               |                               |    |    | B. F R 1, 26.28.954=w |                     |
| 4.491756m <sup>2</sup> V.P. → 29 1/2 in 31/51 |                               |    |    |                       |                     |
| 1.369012m <sup>2</sup> V.P. 1271.4 → 27 in 2  |                               |    |    |                       |                     |
| 5.960768m <sup>2</sup>                        |                               |    |    |                       |                     |
| Wt 5.205m @ Rs 62614.00/m                     |                               |    |    |                       | Rs 325,906.00       |
|                                               |                               |    |    |                       | Rs 1,29,54,860=w    |
| Add 13% GST & LC                              |                               |    |    |                       | Rs 16,84,132=w      |
|                                               |                               |    |    |                       | Rs 1,46,38,992=w    |
| less 10% Below as per AS                      |                               |    |    |                       | Rs 14,63,899=w      |
| less Premium Paid and                         |                               |    |    |                       | Rs 1,31,75,093=w    |
|                                               |                               |    |    |                       | Rs 10,1,21,566=w    |
| Premium<br>18-04-2022                         |                               |    |    |                       | Rs 30,53,527=w      |
| 16                                            |                               |    |    |                       |                     |

  
 10/6/21  
 Executive Engineer  
 Rural Works Department  
 Works Division, Jhajha