

5th on A/C Bill  
ABSTRACT OF COST

79

Sch. XLV-Form No. 134

| Particulars                                                                                                                                                                                | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                                            | No.                           | L. | B. | D. |                  |
| Name of work: - Construction of H.L Rec Bridge over Manias River in between Manpur to Bettiah - Head quarter road via Mathura Chowk under Mainotani Block. in the Dist. of West Champaran. |                               |    |    |    |                  |
| Agency: - M/s Chandra Mohan oja At. Subriya Road, Bettiah.                                                                                                                                 |                               |    |    |    |                  |
| Agr. No. - 94/2020-21                                                                                                                                                                      |                               |    |    |    |                  |
| Date of start: - 9-9-2020                                                                                                                                                                  |                               |    |    |    |                  |
| Time of completion: - 08-9-2021                                                                                                                                                            |                               |    |    |    |                  |
| Actual date of completion: -                                                                                                                                                               |                               |    |    |    |                  |
| Agr. value: - Rs, 0828949 = ~                                                                                                                                                              |                               |    |    |    |                  |
| Details of work done -                                                                                                                                                                     |                               |    |    |    |                  |
| (1) E/W in excavation of foundation of structures etc all complete job. (up to 3M ht)                                                                                                      |                               |    |    |    |                  |
| 676.17 m <sup>3</sup> vide TMB P-63                                                                                                                                                        |                               |    |    |    |                  |
| @ Rs 129.00/m <sup>3</sup> = Rs 87,226 = ~                                                                                                                                                 |                               |    |    |    |                  |
| (2) E/W in excavation for foundation of structures etc all complete job. (up to 3M to 6M ht)                                                                                               |                               |    |    |    |                  |
| 242.73 m <sup>3</sup> vide TMB P-63                                                                                                                                                        |                               |    |    |    |                  |
| @ Rs 166.00/m <sup>3</sup> = Rs 40,293 = ~                                                                                                                                                 |                               |    |    |    |                  |
| C. 0 @ Rs 1,27,519 = ~                                                                                                                                                                     |                               |    |    |    |                  |

Continuation

| Particulars                                                                                                     | Details of actual measurement |    |    |    | Contents of area                               |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------------------------------------|
|                                                                                                                 | No.                           | L. | B. | D. |                                                |
|                                                                                                                 |                               |    |    |    | B.F. → Rs 1,27,517 = ~                         |
| (3) Provision & Construction<br>Temporary Island etc<br>all complete job.                                       |                               |    |    |    |                                                |
| 2 Nos. vide TMB P-64                                                                                            |                               |    |    |    |                                                |
|                                                                                                                 |                               |    |    |    | @ Rs 304,649 = ~ Each = Rs 609,298 = ~         |
| (4) Providing service road<br>etc all complete job.                                                             |                               |    |    |    |                                                |
| 51.33 M vide TMB P-64                                                                                           |                               |    |    |    |                                                |
|                                                                                                                 |                               |    |    |    | @ Rs 3624.00/M = Rs 1,86,020 = ~               |
| (5) Road cart in situ M35<br>grade Rcc pile including<br>reinforcement etc<br>all complete job.                 |                               |    |    |    |                                                |
| 513 M vide TMB P-64                                                                                             |                               |    |    |    |                                                |
|                                                                                                                 |                               |    |    |    | @ Rs 17553.81/M = Rs 90,05,105 = ~             |
| (6) Cement concrete for<br>reinforced concrete in<br>pile cap complete as per<br>drawing & tech. specification. |                               |    |    |    |                                                |
| 366.116 M <sup>3</sup> vide TMB P-64                                                                            |                               |    |    |    |                                                |
|                                                                                                                 |                               |    |    |    | @ Rs 8102.50/M <sup>3</sup> = Rs 29,66,455 = ~ |
| (7) Provision & laying of Rcc<br>M15 in levelling course<br>below pile cap etc all<br>complete job.             |                               |    |    |    |                                                |
| 33.048 M <sup>3</sup> vide TMB P-64                                                                             |                               |    |    |    |                                                |
|                                                                                                                 |                               |    |    |    | @ Rs 7081.39/M <sup>3</sup> = Rs 2,34,026 = ~  |
|                                                                                                                 |                               |    |    |    | C.O. → Rs 1,31,28,423 = ~                      |

Continuation

Continuation

| Particulars            | Details of actual measurement                    |    |    |    | Contents of area     |
|------------------------|--------------------------------------------------|----|----|----|----------------------|
|                        | No.                                              | L. | B. | D. |                      |
|                        |                                                  |    |    |    | B.F. 1,89,08,031 = W |
| (12/12)                | Vertical pile load test                          |    |    |    |                      |
|                        | Con. w/strip pile routine                        |    |    |    |                      |
|                        | Pile-load test                                   |    |    |    |                      |
| 2.00 M                 | vide TMB P-66                                    |    |    |    |                      |
|                        | @ Rs 1,00,000 = 100/M = Rs 2,00,000 = W          |    |    |    |                      |
| (13/13)                | providing RCC M30 2"                             |    |    |    |                      |
|                        | Sub-structure etc all                            |    |    |    |                      |
|                        | complete job                                     |    |    |    |                      |
| 243.434 M <sup>3</sup> | vide TMB P-66                                    |    |    |    |                      |
|                        | @ Rs 8429 = 69/M <sup>3</sup> = Rs 20,52,073 = W |    |    |    |                      |
| (14/14)                | S/F/P HYSD bar reinforcement in sub-structure    |    |    |    |                      |
|                        | complete as per drawing                          |    |    |    |                      |
|                        | & technical specification                        |    |    |    |                      |
| 20.52384 M.T           | vide TMB P-66                                    |    |    |    |                      |
|                        | @ Rs 53963 = 54/M.T = Rs 11,07,538 = W           |    |    |    |                      |
| (15/15)                | providing weep holes                             |    |    |    |                      |
|                        | etc all complete job                             |    |    |    |                      |
| 146 NO.                | vide TMB P-66                                    |    |    |    |                      |
|                        | @ Rs 124 = 48 Each = Rs 18,174 = W               |    |    |    |                      |
| (16/16)                | Backfilling behind                               |    |    |    |                      |
|                        | abutment, wing wall                              |    |    |    |                      |
|                        | & R wall with granular                           |    |    |    |                      |
|                        | material etc all comp. job                       |    |    |    |                      |
| 254.08 M <sup>3</sup>  | vide TMB P-66                                    |    |    |    |                      |
|                        | @ Rs 800.76/M <sup>3</sup> = Rs 2,03,457 = W     |    |    |    |                      |
|                        | C.O. → Rs 2,24,89,273 = W                        |    |    |    |                      |

Continuation

| Particulars           | Details of actual measurement |                        |      |                   | Contents of area                  |
|-----------------------|-------------------------------|------------------------|------|-------------------|-----------------------------------|
|                       | No.                           | L.                     | B.   | D.                |                                   |
|                       |                               |                        |      |                   | B.F $\rightarrow$ 6,24,89,273 = w |
| (17/17)               |                               |                        |      |                   |                                   |
|                       |                               |                        |      |                   | providing & laying of             |
|                       |                               |                        |      |                   | Filter media with granular        |
|                       |                               |                        |      |                   | material etc all comp -           |
|                       |                               |                        |      |                   | lete job                          |
| 108.22 M <sup>3</sup> | vide                          | TMB                    | P-67 |                   |                                   |
|                       | @                             | 4196.30/M <sup>3</sup> |      | =                 | 4,54,124 = w                      |
| (18/18)               |                               |                        |      |                   |                                   |
|                       |                               |                        |      |                   | S/F/F 2m provision true           |
|                       |                               |                        |      |                   | to line & level Elasto-           |
|                       |                               |                        |      |                   | meric bearing confirming          |
|                       |                               |                        |      |                   | to IRC:83 etc all complete        |
|                       |                               |                        |      |                   | job                               |
| 290720 cu cm          | vide                          | TMB                    | P-67 |                   |                                   |
|                       | @                             | 1.00/cu cm             |      | =                 | 2,90,720 = w                      |
| (19/19)               |                               |                        |      |                   |                                   |
|                       |                               |                        |      |                   | Furnishing & placing reinforced   |
|                       |                               |                        |      |                   | pre stressed cement con-          |
|                       |                               |                        |      |                   | crete in super structure          |
|                       |                               |                        |      |                   | etc all complete job              |
| 183.60 M <sup>3</sup> | vide                          | TMB                    | P-67 |                   |                                   |
|                       | @                             | 9048.69/M <sup>3</sup> |      | =                 | 16,61,339 = w                     |
| (20/20)               |                               |                        |      |                   |                                   |
|                       |                               |                        |      |                   | S/F/P HYSD bar rein-              |
|                       |                               |                        |      |                   | forcement in super-               |
|                       |                               |                        |      |                   | structure etc all                 |
|                       |                               |                        |      |                   | complete job                      |
| 31.119 M.T            | vide                          | TMB                    | P-67 |                   |                                   |
|                       | @                             | 33164.54/M.T           |      | =                 | 17,14,665 = w                     |
|                       |                               |                        |      | C.O $\rightarrow$ | 2,66,12,12 = w                    |

Continuation

| Particulars                                                                                         | Details of actual measurement |    |    |    | Contents of area      |
|-----------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|-----------------------|
|                                                                                                     | No.                           | L. | B. | D. |                       |
| (24/24) <del>Frontidif &amp; Lagif Canal</del><br>Concrete hazard <del>canal</del> <sup>canal</sup> |                               |    |    |    | 13.5 = 83,264.12 = 00 |
| 730 grade embank                                                                                    |                               |    |    |    |                       |
| reinforcement etc all                                                                               |                               |    |    |    |                       |
| completd dit.                                                                                       |                               |    |    |    |                       |
| 28.87 m <sup>3</sup> vide TM13 P-68                                                                 |                               |    |    |    |                       |
| (22/22) @ As 12087 = 93/m <sup>3</sup> = 0.348979 = 00                                              |                               |    |    |    |                       |
| Construction of Rec walkway                                                                         |                               |    |    |    |                       |
| 730 grade in situ etc                                                                               |                               |    |    |    |                       |
| all completd dit.                                                                                   |                               |    |    |    |                       |
| 118.46 m vide TM13 P-68                                                                             |                               |    |    |    |                       |
| @ As 1749.92/m = 15,207,296 = 00                                                                    |                               |    |    |    |                       |
| (23/23) <del>Frontidif Drainage</del> <sup>front</sup>                                              |                               |    |    |    |                       |
| etc all completd dit.                                                                               |                               |    |    |    |                       |
| 18 Nos vide TM13 P-68                                                                               |                               |    |    |    |                       |
| (24/24) @ As 800 = 00 Each = 0.14400 = 00                                                           |                               |    |    |    |                       |
| Frontidif Rec m/s grade                                                                             |                               |    |    |    |                       |
| Below approach slab                                                                                 |                               |    |    |    |                       |
| etc all completd dit.                                                                               |                               |    |    |    |                       |
| 8.10 m <sup>3</sup> vide TM13 P-73                                                                  |                               |    |    |    |                       |
| (25/25) @ As 7342.39/m <sup>3</sup> = 0.59473 = 00                                                  |                               |    |    |    |                       |
| Rec grade 730 in Approach                                                                           |                               |    |    |    |                       |
| slab etc all completd dit.                                                                          |                               |    |    |    |                       |
| 17.71 m <sup>3</sup> vide TM13 P-73                                                                 |                               |    |    |    |                       |
| @ As 10728.41/m <sup>3</sup> = 0.190000 = 00                                                        |                               |    |    |    |                       |
| C.O.D 82,74,32,269 = 00                                                                             |                               |    |    |    |                       |

Continuation

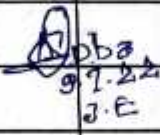
| Particulars                                                                                                                 | Details of actual measurement |    |    |                        | Contents of area |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|------------------------|------------------|
|                                                                                                                             | No.                           | L. | B. | D.                     |                  |
|                                                                                                                             |                               |    |    | Rs. F22, 74, 32, 269=. |                  |
| (26/26) Providing & laying of a stripseal expansion joint etc till complete job.                                            |                               |    |    |                        |                  |
| 33.80 M vide TMB P-68                                                                                                       |                               |    |    |                        |                  |
| @ Rs 10798.00/M                                                                                                             |                               |    |    | = Rs 364,972=          |                  |
| (27/27) Providing & erecting direction & place identification retro-reflectorised sign as per IRC: 67 etc all complete job. |                               |    |    |                        |                  |
| 1.80 M <sup>2</sup> vide TMB P-73                                                                                           |                               |    |    |                        |                  |
| @ Rs 11133.00/M <sup>2</sup>                                                                                                |                               |    |    | = Rs 20,039=           |                  |
| (28/28) Laying RCC pipe riser on 1st class bedding etc till complete job.                                                   |                               |    |    |                        |                  |
| 20.00 M vide TMB P-72                                                                                                       |                               |    |    |                        |                  |
| @ Rs 3689.06/M                                                                                                              |                               |    |    | = Rs 73,781=           |                  |
| (29/29) Providing & laying boulder apron on river bed for protection against scour etc all complete job.                    |                               |    |    |                        |                  |
| 285.12 M <sup>3</sup> vide TMB P-75                                                                                         |                               |    |    |                        |                  |
| @ Rs 4083.19/M <sup>3</sup>                                                                                                 |                               |    |    | = Rs 11,64,199=        |                  |
| (30/30) Providing & laying pitching on slopes etc all comp. job.                                                            |                               |    |    |                        |                  |
| 290.93 M <sup>3</sup> vide TMB P-76                                                                                         |                               |    |    |                        |                  |
| @ Rs 4098.31/M <sup>3</sup>                                                                                                 |                               |    |    | = Rs 11,92,321=        |                  |
|                                                                                                                             |                               |    |    | C.O. Rs 3,02,47,581=   |                  |

Continuation

| Particulars                                                                                                                     | Details of actual measurement |    |    |    | Contents of area                            |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|---------------------------------------------|
|                                                                                                                                 | No.                           | L. | B. | D. |                                             |
|                                                                                                                                 |                               |    |    |    | G.F. $\rightarrow 23,02,47,581 \text{ sqm}$ |
| (31/31) Providing slaying filter materials underneath pitching etc all complete job.                                            |                               |    |    |    |                                             |
| 145.47 m <sup>3</sup> vide TMB P-76                                                                                             |                               |    |    |    |                                             |
| @ Rs 4215.31/m <sup>3</sup> = Rs 6,13,201.20                                                                                    |                               |    |    |    |                                             |
| (32/32) Clean & grubbing road land etc all complete job.                                                                        |                               |    |    |    |                                             |
| 0.16 Hec vide TMB P-69                                                                                                          |                               |    |    |    |                                             |
| @ Rs 51134.20/Hec = Rs 8181.20                                                                                                  |                               |    |    |    |                                             |
| (33/33) Construction of Embankment with approved material obtained from borrow pits with a lease of 10000 etc all complete job. |                               |    |    |    |                                             |
| 10570.35 m <sup>3</sup> vide TMB P-78                                                                                           |                               |    |    |    |                                             |
| @ Rs 187.77/m <sup>3</sup> = Rs 1984,795.20                                                                                     |                               |    |    |    |                                             |
| (34/34) Construction of Granular sub base by providing well graded material etc all complete job.                               |                               |    |    |    |                                             |
| 406.81 m <sup>3</sup> vide TMB P-72                                                                                             |                               |    |    |    |                                             |
| @ Rs 4015.50/m <sup>3</sup> = Rs 16,33,546.20                                                                                   |                               |    |    |    |                                             |
| (35/35) Prov. layer, spreading & compacting stone agg. of WBM 6.3 specification etc                                             |                               |    |    |    |                                             |
| 116.72 m <sup>3</sup> vide TMB P-73                                                                                             |                               |    |    |    |                                             |
| @ Rs 4530.77/m <sup>3</sup> = Rs 5,28,831.20                                                                                    |                               |    |    |    |                                             |
| C.O. $\rightarrow 3,30,16,135 \text{ sqm}$                                                                                      |                               |    |    |    |                                             |

Continuation

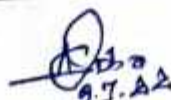
| Particulars                                                                                        | Details of actual measurement |    |    |                                           | Contents of area |
|----------------------------------------------------------------------------------------------------|-------------------------------|----|----|-------------------------------------------|------------------|
|                                                                                                    | No.                           | L. | B. | D.                                        |                  |
|                                                                                                    |                               |    |    | B.F. $\rightarrow$ 3,50,16,135 = $\infty$ |                  |
| (36/36) Provide & apply P<br>primer coat etc all<br>complete job.                                  |                               |    |    |                                           |                  |
| 1556.25 m <sup>2</sup> vide TMB P-74                                                               |                               |    |    |                                           |                  |
| @ Rs 42.90/m <sup>2</sup>                                                                          |                               |    |    | = Rs 66,763 = $\infty$                    |                  |
| (37/37) Provide & apply tack-<br>coat etc all complete job.                                        |                               |    |    |                                           |                  |
| 1556.25 m <sup>2</sup> vide TMB P-74                                                               |                               |    |    |                                           |                  |
| @ Rs 14.57/m <sup>2</sup>                                                                          |                               |    |    | = Rs 22,675 = $\infty$                    |                  |
| (38/38) Provide, lay & roll<br>of close graded premix<br>surfacing material 20<br>mm thickness etc |                               |    |    |                                           |                  |
| all complete job.                                                                                  |                               |    |    |                                           |                  |
| 1556.25 m <sup>2</sup> vide TMB P-74                                                               |                               |    |    |                                           |                  |
| @ Rs 227.76/m <sup>2</sup>                                                                         |                               |    |    | = Rs 3,54,452 = $\infty$                  |                  |
| (39/39) RCC M/S grade Boundary<br>pillars etc all complete job.                                    |                               |    |    |                                           |                  |
| 266 Nos. vide TMB P-74                                                                             |                               |    |    |                                           |                  |
| @ Rs 549.76 Each                                                                                   |                               |    |    | = Rs 1,46,236 = $\infty$                  |                  |
| (40/40) Road marked with hot-<br>applied thermoplastic<br>compound etc all<br>complete job.        |                               |    |    |                                           |                  |
| 80.00 m <sup>2</sup> vide TMB P-75                                                                 |                               |    |    |                                           |                  |
| @ Rs 735.00/m <sup>2</sup>                                                                         |                               |    |    | = Rs 58,800 = $\infty$                    |                  |
|                                                                                                    |                               |    |    | Total Rs 3,56,65,061 = $\infty$           |                  |

| Particulars                                                                               | Details of actual measurement |    |    |         | Contents of area                                                                                         |
|-------------------------------------------------------------------------------------------|-------------------------------|----|----|---------|----------------------------------------------------------------------------------------------------------|
|                                                                                           | No.                           | L. | B. | D.      |                                                                                                          |
|                                                                                           |                               |    |    | B.F. →  | Rs 3,56,650.61 =                                                                                         |
| Add L. cess @ 1%                                                                          |                               |    |    | →       | Rs 3,56,651 =                                                                                            |
| Add GST @ 12%                                                                             |                               |    |    | →       | Rs 42,79,807 =                                                                                           |
| Add S. Fee ..                                                                             |                               |    |    | →       | Rs 2,33,861 =                                                                                            |
|                                                                                           |                               |    |    | Total → | Rs 4,05,35,380.20                                                                                        |
| Less → 0.02% on agreement                                                                 |                               |    |    | →       | Rs 8,107 =                                                                                               |
|                                                                                           |                               |    |    | Total → | Rs 4,05,27,273 =                                                                                         |
| Less Previous payment                                                                     |                               |    |    | → (-)   | Rs 31,57,290 =                                                                                           |
|                                                                                           |                               |    |    | Total → | Rs 73,69,983 =                                                                                           |
| <br>J.E. |                               |    |    |         | <br>11/10/2022<br>A.E. |
|                                                                                           |                               |    |    |         | <b>ASSISTANT ENGINEER</b><br>Rural Works Department<br>Sub-division Narkatiy                             |

Material Statement

|                       |   |                        |
|-----------------------|---|------------------------|
| Earth                 | → | 1125.00 m <sup>3</sup> |
| Stone chips           | → | 93.26 m <sup>3</sup>   |
| Coarse sand           | → | 158.07 m <sup>3</sup>  |
| Stone Metal           | → | 473.86 m <sup>3</sup>  |
| Stone Boulder         | → | 691.26 m <sup>3</sup>  |
| G.S.B. Material       | → | 341.72 m <sup>3</sup>  |
| Bitumen Emulsion (SS) | → | 1.33 m <sup>3</sup>    |
| Bitumen Emulsion (RS) | → | 0.428 m <sup>3</sup>   |
| Bitumen (S-70)        | → | 2.757 m <sup>3</sup>   |

Continuation


  
J.E.