

# कार्यपालक अभियंता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेतिया।

पत्रांक:- 3333/2022 / बेतिया दिनांक:- 24.11.2022

प्रेषक,

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, बेतिया

सेवा में,

नोडल पदाधिकारी,  
स्टेट एम0आई0एस0,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

2022/11/24 13:03

विषय:-स्टेट MIS में Expenditure Module में अंकित की गई राशि के सुधार के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि स्टेट MIS में Expenditure Module में भुगतान की गई राशि अंकित हो गई है।

अतः अनुरोध है कि निम्न सूची के अनुसार भुगतान की राशि में सुधार करने की कृपा की जाए।

| क्र | प्राजेक्ट     | पथ का नाम     | लंबाई<br>(किमी0) | ज्यादा अंकित<br>की गई राशि<br>(लाख में) | भुगतान की<br>गई राशि<br>(लाख में) | प्राप्त आवंटन<br>(लाख में) |
|-----|---------------|---------------|------------------|-----------------------------------------|-----------------------------------|----------------------------|
| 0   | आई0डी0        |               |                  |                                         |                                   |                            |
| 1   | 3180880130171 | Dagona to T03 | 1.530            | 64.61754                                | 63.08754                          | 63.08754                   |

अनु0- मापी पुस्त की छायाप्रति।

विश्वासभाजन

  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, बेतिया  
24.11.22

| Particulars          | Details of actual measurement |    |    |    | Contents of area  |
|----------------------|-------------------------------|----|----|----|-------------------|
|                      | No.                           | L. | B. | D. |                   |
|                      |                               |    |    |    | A/E Rs 5644376.00 |
| Add 12% GST          |                               |    |    |    | Rs 677325.70      |
| Add 1% (on d)        |                               |    |    |    | 56444.70          |
| Add S.F. Rs          |                               |    |    |    | 79787.70          |
| Total Rs             |                               |    |    |    | 6457932.00        |
| less 2-31% Below     |                               |    |    |    | Rs 149178.00      |
| Total Rs             |                               |    |    |    | 6308754.00        |
| R. Ave.              | 25/12/21                      |    |    |    | A/E               |
| J.E.                 |                               |    |    |    | AE                |
| Vr. No 34 dt-27/4/22 |                               |    |    |    |                   |

## Memorandum of Payment

|                                   |        |   |              |
|-----------------------------------|--------|---|--------------|
| (i) S.D.                          | (a) 8% | = | 5,04,754.00  |
| (ii) G.P.                         | (a) 2% | = | 1,26,175.00  |
| (iii) S.G.S.P.                    | (a) 1% | = | 63,088.00    |
| (iv) C.G.S.T.                     | (a) 1% | = | 63,088.00    |
| (v) Lab. cell                     | (a) 1% | = | 63,088.00    |
| (vi) Sign fee                     |        | = | 79,787.00    |
| (vii) Royalty                     |        | = | 2,33,334.00  |
| Total deduction                   |        | = | 11,33,260.00 |
| Net Pay                           |        | = | 51,75,494.00 |
| Total                             |        | = | 63,08,754.00 |
| Paid for Rs. 63,08,754.00 (Rupees |        |   |              |
| Sixty three lakh, eight thousand  |        |   |              |
| Seven hundred sixty four only     |        |   |              |

Continuation

27.04.22  
EXECUTIVE ENGINEER  
P.W.D. Water Divn. Bellary

Attested

24/11/22

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, बेलिया

2022/11/24 13:04

| Particulars                                          | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                      | No.                           | L. | B. | D. |                  |
| $\frac{10}{22}$ Pm + fix mag 9/25                    |                               |    |    |    |                  |
| Land side TMA by n 51200                             |                               |    |    |    |                  |
| CL 12736-10/100                                      |                               |    |    | R  | 2547200          |
| $\frac{11}{24}$ Extra work in excavation             |                               |    |    |    |                  |
| vide TMA by n 2:22.86 m                              |                               |    |    |    |                  |
| perimeter n 20.27 m @ R                              |                               |    |    |    |                  |
| 269.32 m <sup>2</sup>                                |                               |    |    | R  | 541900           |
| $\frac{12}{30}$ Sand fully vide TMA by               |                               |    |    |    |                  |
| by n 2: 2.025 m <sup>2</sup> @ R 438.                |                               |    |    |    |                  |
| 87 m <sup>2</sup>                                    |                               |    |    | R  | 88900            |
| $\frac{13}{34}$ Pm pcc m/s vide TMA                  |                               |    |    |    |                  |
| by n 2: 2.10 m @ R                                   |                               |    |    |    |                  |
| 5939.78 m <sup>2</sup>                               |                               |    |    | R  | 1247400          |
| $\frac{14}{22}$ Pm RCC m/s vide TMA                  |                               |    |    |    |                  |
| by n 2: 14.72 m <sup>2</sup> m/s n                   |                               |    |    |    |                  |
| 14.71 m <sup>2</sup> @ R 7421.11 m <sup>2</sup> R    |                               |    |    |    | 1091600          |
| $\frac{15}{33}$ Beach fully vide TMA by              |                               |    |    |    |                  |
| by n 2: 7.68 m <sup>2</sup> @ R                      |                               |    |    |    |                  |
| 2798.14 m <sup>2</sup>                               |                               |    |    | R  | 2149200          |
| $\frac{16}{34}$ Pm weep hole vide TMA                |                               |    |    |    |                  |
| by n 4: 14 m @ R 82.98 m                             |                               |    |    |    | 106200           |
| $\frac{17}{35}$ Supplying fully filling              |                               |    |    |    |                  |
| Hydro bar vide TMA by n                              |                               |    |    |    |                  |
| 2: 1.08 m <sup>2</sup> @ R 51413.74 m <sup>2</sup> R |                               |    |    |    | 5552700          |
| Total R                                              |                               |    |    |    | 564437600        |

Continuation

2022/11/24 13:04

# Abstract of cost

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Sch. XLV—Form No. 134

| Particulars                                                   | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                               | No.                           | L. | B. | D. |                  |
| 1 Construction of covering boy                                |                               |    |    |    |                  |
| vide TMA pg no 1 = 1.53 km                                    |                               |    |    |    |                  |
| @ Rs 5529.78/km                                               |                               |    |    | Rs | 8460/-           |
| 2 Const. of R. pillar - vide                                  |                               |    |    |    |                  |
| TMA pg no 1 = 1.530 km @ Rs                                   |                               |    |    |    |                  |
| 2904.60/km                                                    |                               |    |    | Rs | 4444/-           |
| 3 Clearing & grading of road -                                |                               |    |    |    |                  |
| vide TMA pg no 1 = 0.46 km                                    |                               |    |    |    |                  |
| @ Rs 51137.38/km                                              |                               |    |    | Rs | 23529/-          |
| 4 Const. of embankment -                                      |                               |    |    |    |                  |
| lead up to 100m vide TMA pg                                   |                               |    |    |    |                  |
| no 1 = 413.10 m @ Rs                                          |                               |    |    |    |                  |
| 189.88/m <sup>2</sup>                                         |                               |    |    | Rs | 78468/-          |
| 5 Const. of subgrade <sup>embankment</sup> <del>portion</del> |                               |    |    |    |                  |
| shoulder vide TMA pg                                          |                               |    |    |    |                  |
| 1 = 963.80 m <sup>2</sup> @ Rs 153.58/m <sup>2</sup>          |                               |    |    | Rs | 147978/-         |
| 6 Excavation for road -                                       |                               |    |    |    |                  |
| vide TMA pg no 2 = 142.28 m <sup>2</sup>                      |                               |    |    |    |                  |
| @ Rs 75.50/m <sup>2</sup>                                     |                               |    |    | Rs | 10743/-          |
| 7 Const. of G.C.C. vide TMA                                   |                               |    |    |    |                  |
| pg no 4 = 468.12 m <sup>2</sup> @ Rs                          |                               |    |    |    |                  |
| 3077.68/m <sup>2</sup>                                        |                               |    |    | Rs | 144078/-         |
| 8 Prov. Layer, spray on                                       |                               |    |    |    |                  |
| Gravel vide TMA pg no. 5 =                                    |                               |    |    |    |                  |
| 206.03 m <sup>2</sup> @ Rs 3694.44/m <sup>2</sup>             |                               |    |    | Rs | 761170/-         |
| 9 Const. of p.c.c. vide TMA                                   |                               |    |    |    |                  |
| pg no 5 = 414.4 m <sup>2</sup> @ Rs 7094.84/m <sup>2</sup>    |                               |    |    | Rs | 2937281/-        |

Continuation

TMA Rs 5412771/-

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| Particulars                          | Details of actual measurement |      |      |      | Contents of area |
|--------------------------------------|-------------------------------|------|------|------|------------------|
|                                      | No.                           | L    | B.   | D.   |                  |
| (V) <u>Provision and fixing HYSD</u> |                               |      |      |      |                  |
| <u>Bar 10mm &amp; bar</u>            |                               |      |      |      |                  |
| <u>Bottom</u>                        | 4X                            | 38X  | 1.50 |      | = 228m           |
| <u>As above</u>                      | 2X                            | 38X  | 1.50 |      | = 114m           |
| <u>Outside side</u>                  | 2X                            | 38X  | 2.20 |      | = 167.20m        |
| <u>Distribution bar</u>              | 8X                            | 8X   | 6.00 |      | = 384m           |
| <u>Top bar</u>                       | 4X                            | 38X  | 0.80 |      | = 121.60m        |
| <u>Bottom</u>                        | 4X                            | 38X  | 0.80 |      | = 129.20m        |
| <u>Chw up to bed level</u>           | 2X                            | 2X   | 8X   | 1.50 | = 48.00m         |
| <u>R/w up to slab level</u>          | 4X                            | 2X   | 8X   | 2.70 | = 194.40m        |
| <u>Distribution bar</u>              | 2X                            | 2X   | 6X   | 5.50 | = 132m           |
| <u>R/w above bed level</u>           | 4X                            | 2X   | 6X   | 2.25 | = 108m           |
| <u>Chain bar</u>                     | 2X                            | 4X   | 1.20 |      | = 9.6m           |
| <u>Overlap</u>                       |                               | 145X | 0.40 |      | = 58m            |
| <u>Parapet</u>                       | 2X                            | 2X   | 8X   | 1.00 | = 32m            |
| <u>Distribution bar</u>              | 2X                            | 2X   | 4X   | 1.50 | = 24m            |
| <u>Total length of 10mm</u>          |                               |      |      |      |                  |
| <u>bar</u>                           |                               |      |      |      | = 1750m          |
| <u>Weight of 10mm &amp; bar</u>      |                               |      |      |      |                  |
| <u>0.617 kg/m</u>                    |                               |      |      |      | = 1079.75kg      |
| <u>Say =</u>                         |                               |      |      |      | = 1.08m          |
| <u>R.D.</u>                          | 17.10.21                      |      |      |      |                  |
| <u>J.E.</u>                          |                               |      |      |      |                  |
|                                      |                               |      |      |      |                  |
|                                      |                               |      |      |      |                  |
|                                      |                               |      |      |      |                  |
|                                      |                               |      |      |      |                  |
|                                      |                               |      |      |      |                  |

Continuation

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| Particulars | Details of actual measurement |    |    |    | Contents of area |
|-------------|-------------------------------|----|----|----|------------------|
|             | No.                           | L. | B. | D. |                  |

Record measurement

1. Back filling behind Abutment

$$2 \times 5.40 \times 0.6 \times 1.95 = 7.68 \text{ m}^3$$

2. providing weep hole = 14 nos

3. Construction of granular sub

base

$$2 \times 23 \times 30 \text{ m} \times 0.525 \times 0.1 \text{ m} = 72.45 \text{ m}^3$$

$$2 \times 1 \times 16 \text{ m} \times 0.525 \times 0.1 \text{ m} = 1.68 \text{ m}^3$$

$$2 \times 3 \times 30 \text{ m} \times 4.05 \times 0.1 \text{ m} = 279.45 \text{ m}^3$$

$$2 \times 23 \times 30 \text{ m} \times 0.375 \times 0.1 \text{ m} = 51.75 \text{ m}^3$$

$$2 \times 1 \times 21 \text{ m} \times 0.375 \times 0.1 \text{ m} = 1.575 \text{ m}^3$$

$$2 \times 3 \times 30 \text{ m} \times 0.375 \times 0.1 \text{ m} = 6.75 \text{ m}^3$$

$$2 \times 1 \times 23 \text{ m} \times 0.375 \times 0.1 \text{ m} = 1.725 \text{ m}^3$$

$$1 \times 16 \text{ m} \times 4.05 \times 0.1 \text{ m} = 6.48 \text{ m}^3$$

$$15 \times 9.5 \text{ m} \times 1.6 \times 0.1 \text{ m} = 22.80 \text{ m}^3$$

$$14 \times 5.5 \text{ m} \times 1.2 \times 0.15 \text{ m} = 13.86 \text{ m}^3$$

$$14 \times 5 \text{ m} \times 1.43 \times 0.1 \text{ m} = 10.01 \text{ m}^3$$

$$\text{less cutback } 1 \times 1 \times 4.05 \times 0.1 \text{ m} = (-) 0.41 \text{ m}^3$$

$$\text{Total} = 468.12 \text{ m}^3$$

R.D. 28.11.2021

J.E.

Atch 28.11.21  
A.G.

Record Measurement

1. Providing laying of granular

WDM GR-10

$$23 \times 30 \text{ m} \times 3.75 \times 0.071 \text{ m} = 194.06 \text{ m}^3$$

$$1 \times 21 \text{ m} \times 3.75 \times 0.071 \text{ m} = 5.90 \text{ m}^3$$

$$2 \times 3 \times 30 \text{ m} \times 0.375 \times 0.071 \text{ m} = 5.06 \text{ m}^3$$

Continuation

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| Particulars   | Details of actual measurement |       |       |       | Contents of area      |
|---------------|-------------------------------|-------|-------|-------|-----------------------|
|               | No.                           | L.    | B.    | D.    |                       |
|               | 2 x 2                         | 23.00 | 0.375 | 0.075 | 1.29 m <sup>2</sup>   |
| 1/2 inch slab | 1 x 1                         | 0.00  | 3.75  | 0.075 | 0.28 m <sup>2</sup>   |
|               | Total                         |       |       |       | 206.03 m <sup>2</sup> |

2 Construction of m-render

Current Concrete

23 x 30.00 x 3.75 x 0.16 = 414.00 m<sup>2</sup>

2 Part of fixing masonry

Board

2.20 m<sup>2</sup>

R.D. 25.12.21

27.12.21  
AE

J.E.

Material Status

1 Earth : 1337.00 m<sup>2</sup> (40/10)

2 Stone masonry = 642.52 m<sup>2</sup> (516.44)

3 Crushed sand : 168.52 m<sup>2</sup> (198.4/10)

4 Screening material = 49.45 m<sup>2</sup> (345.50)

5 Stone chip : 387.528 m<sup>2</sup> (530.85/10)

6 Sand : 195.32 m<sup>2</sup> (150.0)

2

R.D. 25.12.21

J.E.

Continuation

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| Particulars | Details of actual measurement |       |       |       | Contents of area |
|-------------|-------------------------------|-------|-------|-------|------------------|
|             | No.                           | L     | B     | D     |                  |
|             | 2 X 1 X                       | 31.40 | 0.375 | 0.14  | 1.575            |
|             | 2 X 3 X                       | 30.00 | 0.375 | 0.175 | 11.81            |
|             | 2 X 1 X                       | 23.00 | 0.375 | 0.175 | 3.02             |
|             | Total                         |       |       |       | 142.290          |
| (           | Box Culvert<br>(1 X 1M X 1M)  |       |       |       |                  |

(i) Earth work in excavation  
for foundation

|      |    |      |       |      |       |
|------|----|------|-------|------|-------|
| Rett | 1X | 1.50 | 5.40  | 1.60 | 12.96 |
| C/W  | 2X | 1.50 | 0.50  | 1.80 | 2.70  |
| R/W  | 4X | 2.00 | 0.50  | 1.80 | 7.20  |
|      |    |      | Total |      | 22.86 |

(ii) Sand fill for foundation  
1X 5.40 X 1.50 X 0.25 = 2.025

(iii) Provide PCC M-15  
1X 5.40 X 1.50 X 0.25 = 2.10

iv) Provide RCC M-20  
Rett 6.00 X 1.50 X 0.21 = 1.89

C/W 2X 1.50 X 0.30 X 1.20 = 1.08

R/W 4X 2.00 X 0.30 X 1.35 = 3.24

Abutment 2X 6.00 X 0.25 X 1.00 = 3.00

R/W abutment 4X 2.00 X 0.30 X 1.20 = 2.90

Hunter 4X 1/2 X 6.00 X 0.15 X 0.15 = 0.225

Deck slabs 1X 6.00 X 1.50 X 0.24 = 1.89

Parapet 2X 1.50 X 0.25 X 0.60 = 0.45

Total 14.72

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 of area      |
|-------------------------------------------------------|--------------------------------|----|----|------|-----------------------|
|                                                       | No.                            | L. | B. | D.   |                       |
| Name of work: Construction of road from Dagona to TOS |                                |    |    |      |                       |
| Agency, m/s Preeti Construction,                      |                                |    |    |      |                       |
| Agreement No. 45560/MSG/2022-23                       |                                |    |    |      |                       |
| Agreement Amount: Rs 1,08,40,700/-                    |                                |    |    |      |                       |
| Date of start: 02/06/2022                             |                                |    |    |      |                       |
| Date of completion: 01/06/2022                        |                                |    |    |      |                       |
| Record measurement                                    |                                |    |    |      |                       |
| 1. Clearing and grubbing road                         |                                |    |    |      |                       |
|                                                       | 2 X 51 X 30 m X 1.50           |    |    |      | 4590 m <sup>2</sup>   |
|                                                       |                                |    |    | Sy = | 0.46 ha               |
| 2                                                     | Const. of working B.M.         |    |    |      | 1.530 ha              |
| 2                                                     | Construction of Right of Way   |    |    |      | 1.530 ha              |
| 4                                                     | Construction of embankment     |    |    |      |                       |
|                                                       | 51 X 100 m X $\frac{6+7.5}{2}$ |    |    |      |                       |
|                                                       | $\frac{4+2.5}{2}$ X 0.30 =     |    |    |      | 1377 m <sup>2</sup>   |
| Construction of embankment                            |                                |    |    |      |                       |
|                                                       | -- land up to 100 m            |    |    |      | 413.10 m <sup>2</sup> |
| Construction of embankment                            |                                |    |    |      |                       |
|                                                       | -- land up to 100 m            |    |    |      | 963.50 m <sup>2</sup> |
| 5                                                     | Excavation for road            |    |    |      |                       |
|                                                       | 2 X 23 X 30 X 0.55 X 0.10      |    |    |      | 72.45 m <sup>2</sup>  |
|                                                       | 2 X 1 X 16 X 0.55 X 0.10       |    |    |      | 1.68 m <sup>2</sup>   |
|                                                       | 2 X 23 X 30 X 0.37 X 0.10      |    |    |      | 51.78 m <sup>2</sup>  |

Continuation