



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## ESTIMATE FOR FLOOD DAMAGED REPAIR



Name of the Road :-

*To 4 - Kamepur - Pali*  
*RCD Road Kamepur More To RCD Road Nathanpur More*

|                                  |   |                  |     |
|----------------------------------|---|------------------|-----|
| DISTRICT                         | : | Lakhisarai       |     |
| DIVISION                         | : | Lakhisarai       |     |
| BLOCK                            | : | Barahiya         |     |
| TOTAL LENGTH OF ROAD             | : | <i>1.700</i> 7 m | KM  |
| PART-A TOTAL COST OF RESTORATION | : | 26.774           | Lac |
| TOTAL COST OF PROJECT            | : | 26.774           | Lac |

Submitted By:

Executive Engineer

RWD WORKS DIVISION

Lakhisarai

## ESTIMATE FOR FLOOD DAMAGED REPAIR

To 4 Kamarpur - Pali

NAME OF ROAD :

RCD Road Kamarpur More To RCD Road Nathanpur More

DISTRICT

Lakhisarai

BLOCK

Barahiya

DIVISION

Lakhisarai

LENGTH OF ROAD (in Km)

1.700 7.00

CD STRUCTURES

8

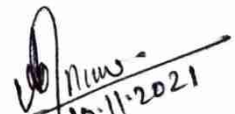
| Sl. No. | DESCRIPTION                          | AMOUNT<br>(LAKHS) |
|---------|--------------------------------------|-------------------|
| PART-A  | RESTORATION COST                     |                   |
| 1       | Brick Bat Filling                    | 20.171            |
| 2       | GSB GR-II                            | 2.395             |
|         | SUB TOTAL OF Restoration             | 22.566            |
|         | LABOUR CESS 1% of cost               | 0.226             |
|         | GST 12 % of cost                     | 2.708             |
|         | SEIGNORAGE FEE @ 10 % on Minor Mines | 1.274             |
|         | TOTAL OF Restoration                 | 26.774            |
|         | TOTAL COST OF PROJECT IN LACS =      | 26.774            |

Deduct Contractor Profit 9.1% = - 2.436 Lakh

Total Rs. 24.338 Lakh

  
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T.S Amount

Construction Cost: Rs. 26.774 Lakh

Deduct Contractor profit 9.1% = Rs - 2.436 Lakh

Total = Rs. 24.338 Lakh

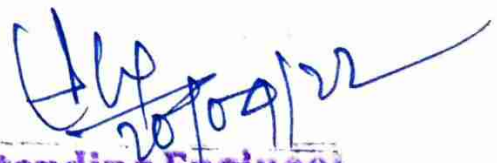
Ref. E.E. Letter No. 548 dt. 18.4.2022

Technically Sanctioned for Rs. 24.338 Lakh

(Rupees Twenty Four Lakh thirty

three thousand eight hundred Only)

for construction work & 5 Years Maintenance



Superintending Engineer

Rural Works Department

Works Circle, Munger

  
20/09/2022

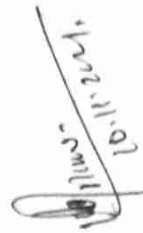


Name of Road:- RCD Road Kamerpur More To RCD Road Nathanpur More

| Sl. No.                                                 | SDB SL.NO | MORD Ref.No | Description                                                                                                                                                                                                                                                                                                                                                | Unit | NOS | LENGTH | WIDTH | HEIGHT | QUANTITY | RATE                | AMOUNT (in Rs.) |
|---------------------------------------------------------|-----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------|-------|--------|----------|---------------------|-----------------|
| <b>Sub Head : PAVEMENT LAYERS - GSB &amp; WBM ITEMS</b> |           |             |                                                                                                                                                                                                                                                                                                                                                            |      |     |        |       |        |          |                     |                 |
| 1                                                       |           |             | <b>Brick BAT Filling</b><br>Emergent Repair by Filling Brick Bats in Flood damaged Stretch of the Road for making it Motorable<br>....as per S/D of E/I                                                                                                                                                                                                    |      |     |        |       |        |          |                     |                 |
|                                                         |           |             | <b>Qty as per Measurement</b>                                                                                                                                                                                                                                                                                                                              | cum  |     |        |       |        | 963.98   |                     |                 |
|                                                         |           |             | <b>Net Qty</b>                                                                                                                                                                                                                                                                                                                                             |      |     |        |       |        | 963.98   | 2,092.45            | 20,17,083.00    |
| 2                                                       | 4.1       | 401         | <b>Granular Sub-base with Well Graded Material (Table 400.1)</b>                                                                                                                                                                                                                                                                                           |      |     |        |       |        |          |                     |                 |
|                                                         |           | (ii)        | <b>For Grading II Material</b><br>Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. |      |     |        |       |        |          |                     |                 |
|                                                         |           |             | <b>Qty as per Measurement</b>                                                                                                                                                                                                                                                                                                                              | Cum  |     |        |       |        | 157.14   |                     |                 |
|                                                         |           |             | <b>Net GSB Qty</b>                                                                                                                                                                                                                                                                                                                                         |      |     |        |       |        | 157.14   | 1,524.36            | 2,39,538.00     |
| <b>TOTAL =</b>                                          |           |             |                                                                                                                                                                                                                                                                                                                                                            |      |     |        |       |        |          | <b>22,56,621.00</b> |                 |
| <b>TOTAL COST OF PAVEMENT IN RS.=</b>                   |           |             |                                                                                                                                                                                                                                                                                                                                                            |      |     |        |       |        |          | <b>22,56,621.00</b> |                 |

  
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## स्थल निरीक्षण प्रतिवेदन

वर्ष 2021-22 के बाढ़ में क्षतिग्रस्त पथों में कराये गए मोटरबुल कार्य की जाँच।

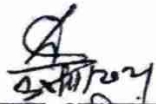
पथ का नाम :- T04\_ कमरपुर से पाली

पथ की लम्बाई :-7.000 कि०मी०

प्राक्कलित राशि :-26.774/- लाख

अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मुंगेर के पत्रांक 1162 दिनांक 16.11.2021 द्वारा प्राप्त निदेश के अनुपालन में आज दिनांक 21.11.2021 को ग्रामीण कार्य विभाग, कार्य प्रमंडल, लखीसराय के अधीन बाढ़ से क्षतिग्रस्त पथ का निरीक्षण सहायक अभियंता श्री लौडिक प्रसाद राय के साथ वर्ष 2021-22 में बाढ़ में क्षतिग्रस्त पथ का कराये गए मोटरबुल कार्य का स्थल निरीक्षण किया। जाँच के समय कार्य प्रखंडल, लखीसराय के सहायक अभियंता श्री संदीप कुमार एवं श्री ब्रजेश कुमार सिंह, कनीय अभियंता श्री श्याम सुन्दर प्रसाद एवं श्री रंजीत कुमार उपस्थित रहे।

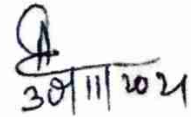
उक्त पथ के निरीक्षण के दौरान पाया गया कि पथ में बने बड़े गड्ढों में Moorum से भरकर उसके उपर G.S.B. (Gr.II) (जगह-जगह 200mm एवं 150mm मुटाई में) डालकर सम्पीडन का कार्य कराया गया है, जिसका शत प्रतिशत जाँच किया गया है, एवं उक्त पथ के प्राक्कलन एवं मापीपुस्त में दर्ज की गई मापी को कार्य स्थल के अनुसार पाया।



सहायक अभियंता

ग्रा०का०वि०, कार्य प्रमं०

खड़गपुर-तारापुर



कार्यपालक अभियंता

ग्रा०का०वि०, कार्य प्रमं०

खड़गपुर-तारापुर

### तकनीकी प्रतिवेदन

पथ का नाम :- T04\_कमरपुर से पाली (Red kamarpur to Redhatla mor)

पथ की लम्बाई :- 7.000 कि०मी०

प्राक्कलित राशि :-26.774/- लाख

उपर्युक्त पथ को मोटरेबुल करने हेतु मरम्माति का प्राक्कलन, माह अगस्त 2021 में हुई भारी बारिश एवं बाढ़ से पथ कई दिनों तक पथ पानी में डूबा हुआ था एवं बाढ़ का पानी बहाव होने से बड़े-बड़े आकार का Pot holes बन गया था, एवं पथ में कटाव भी हो गया था। उक्त पथ लखीसराय जिला के बड़हिया प्रखण्ड में पड़ता है। बाढ़ आने के कारण पूरा प्रखण्ड जलमग्न हो गया था, जिस कारण इस पथ काफी क्षतिग्रस्त हुआ। सचिव महोदय, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक- मु0अ0-4(मु0) विविध कार्य-23-60/2020-1937 दिनांक 07.07.2021 द्वारा प्राप्त निदेश के अनुसार क्षतिग्रस्त पथांश का फोटोग्राफ State MIS पर अपलोड करने के पश्चात् पथ का मोटरेबुल कार्य पूर्ण कराकर निदेशानुसार फोटोग्राफ State MIS पर अपलोड करने के उपरान्त कराये गए कार्यों को मापी पुस्त में दर्ज कराकर प्राक्कलन तैयार किया गया है। प्रस्तुत प्राक्कलन अद्यतन अनुसूचित दर एवं सामग्रियों के औसत लीड के आधार पर बनाया गया है। पथ में बने बड़े गड्ढों को Brick Bats से भरकर उसके उपर G.S.B. (Gr.II) (जगह-जगह 150mm - 200mm की मुटाई में) भरकर सम्पीडन किया गया एवं पथ को मोटरेबुल कराया गया, जिसका तकनीकी अनुमोदन अपेक्षित है।

कनीय अभियंता

8.11.21  
सहायक अभियंता

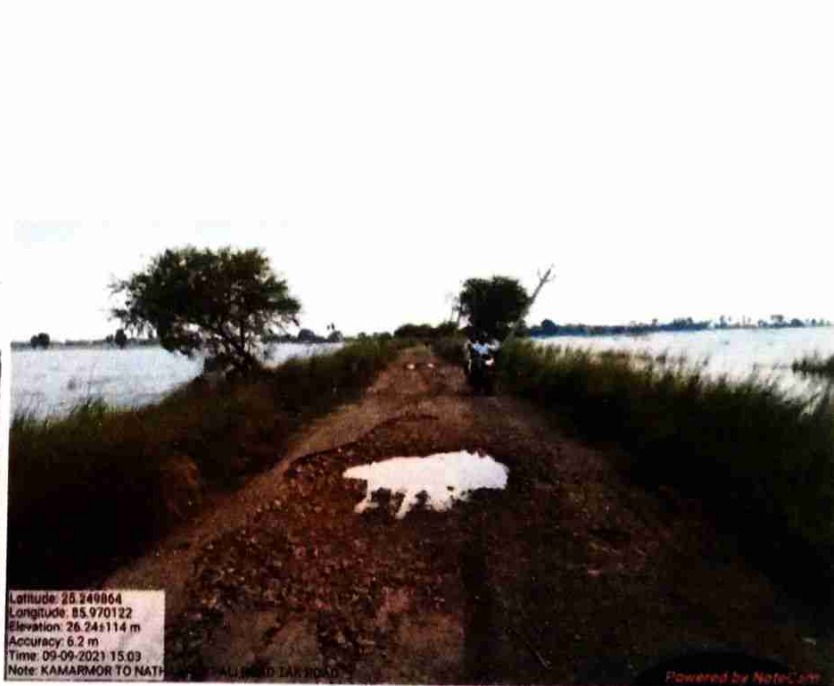
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, लखीसराय।



# RCD Road Kamerpur More To RCD Road Nathanpur More



## RCD Road Kamerpur More To RCD Road Nathanpur More





## Pot Measurement GSB Gr-II

Name of Road:- RCD Road Kamerpur More To RCD Road Nathanpur More

| Nos. | Length (m) | Width (m) | Thickness (m)  | Qty. (Cum.)   |
|------|------------|-----------|----------------|---------------|
| 1    | 10         | 2.5       | 0.15           | 3.75          |
| 1    | 20         | 3.75      | 0.15           | 11.25         |
| 1    | 25         | 2.5       | 0.15           | 9.38          |
| 1    | 10         | 2         | 0.15           | 3             |
| 1    | 4          | 3         | 0.15           | 1.8           |
| 1    | 60         | 2         | 0.15           | 18            |
| 1    | 50         | 1.5       | 0.15           | 11.25         |
| 1    | 50         | 3.75      | 0.15           | 28.13         |
| 1    | 3          | 2         | 0.15           | 0.9           |
| 1    | 20         | 3.75      | 0.15           | 11.25         |
| 1    | 60         | 3.75      | 0.15           | 33.75         |
| 1    | 2          | 2         | 0.15           | 0.6           |
| 1    | 60         | 0.6       | 0.15           | 5.4           |
| 1    | 12         | 3.75      | 0.15           | 6.75          |
| 1    | 5          | 2         | 0.15           | 1.5           |
| 1    | 5          | 1.5       | 0.15           | 1.13          |
| 1    | 15         | 3.75      | 0.15           | 8.44          |
| 1    | 2.5        | 2         | 0.15           | 0.75          |
| 2    | 0.6        | 0.6       | 0.15           | 0.11          |
|      |            |           | <b>TOTAL:-</b> | <b>157.14</b> |

  
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## Pot Measurement Brick Bats

Name of Road:- RCD Road Kamepur More To RCD Road Nathanpur More

| Nos.  | Length (m) | Width (m) | Thickness (m) | Qty. (Cum.) |
|-------|------------|-----------|---------------|-------------|
| 1     | 6          | 1         | 0.3           | 1.8         |
| 1     | 6          | 2         | 0.3           | 3.6         |
| 1     | 8          | 1         | 0.15          | 1.2         |
| 1     | 2          | 3.75      | 0.15          | 1.13        |
| 1     | 100        | 3.75      | 0.45          | 168.75      |
| 1     | 700        | 3.75      | 0.3           | 787.5       |
| Total |            |           |               | 963.98      |

  
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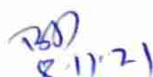
Name of Road :-

RCD Road Kamerpur More To RCD Road Nathanpur More

**SEIGNIORAGE FEE**

| Material     | Unit | Quantity | Basic rate | Amount            | Seigniorage fee  |
|--------------|------|----------|------------|-------------------|------------------|
| Earth        | m3   | 0.00     | 34.82      | 0.00              | 0.00             |
| GSB 26.5-9.5 | m3   | 70.40    | 604.91     | 42584.89          | 4258.49          |
| GSB 9.5-2.36 | m3   | 50.28    | 514.58     | 25875.55          | 2587.56          |
| Local sand   | m3   | 80.46    | 141.85     | 11412.64          | 1141.26          |
| Agg-63-45 G2 | m3   | 0.00     | 480.64     | 0.00              | 0.00             |
| Screening B  | m3   | 0.00     | 397.73     | 0.00              | 0.00             |
| Moorum       | m3   | 0.00     | 159.97     | 0.00              | 0.00             |
| 53-22.4 G3   | m3   | 0.00     | 511.44     | 0.00              | 0.00             |
| Brick Bats   | m3   | 1157.00  | 1032.00    | 1194024.00        | 119402.40        |
|              |      |          |            | <b>1273897.08</b> | <b>127389.71</b> |

  
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BE



**RCD Road Kamerpur More To RCD Road Nathanpur More**

| Name of Road |                            | Material Analysis (Minor Mines) |          |       |            |              |              |            |              |             |          |            |             |              |                |        |        |        |            |               |             |           |             |
|--------------|----------------------------|---------------------------------|----------|-------|------------|--------------|--------------|------------|--------------|-------------|----------|------------|-------------|--------------|----------------|--------|--------|--------|------------|---------------|-------------|-----------|-------------|
| Sl. No.      | Description                | Unit                            | Quantity | Earth | GSB 53-9.5 | GSB 26.5-9.5 | GSB 9.5-2.36 | Local sand | Agg-63-45 G2 | Screening B | Moortu m | 53-22.4 G3 | Agg 13.2 mm | agg 9.5-4.75 | agg 4.75 below | agg 40 | agg 20 | agg 10 | Moortu Agg | stone up to 8 | Coarse sand | coarse at | Brick Blats |
| 1            | Construction of Embankment | m3                              | 0.00     | 0.00  |            |              |              |            |              |             |          |            |             |              |                |        |        |        |            |               |             |           |             |
| 2            | Brick Bat filling          | m3                              | 963.98   |       |            |              |              |            |              |             |          |            |             |              |                |        |        |        |            |               |             |           | 1157.00     |
| 3            | GSB Grading II             | m3                              | 157.14   |       |            | 70.4         | 50.3         | 80.46      |              |             |          |            |             |              |                |        |        |        |            |               |             |           |             |
|              |                            |                                 |          | 0.00  | 0.00       | 70.40        | 50.28        | 80.46      | 0.00         | 0.00        | 0.00     | 0.00       | 0.00        | 0.00         | 0.00           | 0.00   | 0.00   | 0.00   | 0.00       | 0.00          | 0.00        | 0.00      | 1157.00     |

  
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E.E. 10.11.2024

# Analysis for Carriage by Road & Rail

RCD Road Kamerpur More To RCD Road Nathanpur More

Name of Road:-

District:-

Block :- Barahiya

| Sl No | Item with Source         | Unit     | Source Up to | Carriage Cost & Lead in Km |        | Katcha                 |               | Loading & Unloading Cost     | Carriage Cost by Rail Head | Total      |
|-------|--------------------------|----------|--------------|----------------------------|--------|------------------------|---------------|------------------------------|----------------------------|------------|
|       |                          |          |              | Pucka / Surface            |        |                        |               |                              |                            |            |
| 1     | Stone Metal Gr-I & Gr-II | Cum      | Sheikhpura   | 8.00<br>4.59               | x 7.94 | x 48.00 Km = Rs 664.26 | 8.00<br>4.59  | x 19.23 x 0.00 Km = Rs 0.00  | 210.23                     | Rs 874.49  |
| 2     | Stone Metal Gr-III / GSB | Cum      | Sheikhpura   | 8.00<br>4.99               | x 7.94 | x 48.00 Km = Rs 611.01 | 8.00<br>4.99  | x 19.23 x 0.00 Km = Rs 0.00  | 210.23                     | Rs 821.24  |
| 3     | Stone Aggregate / Chips  | Cum      | Sheikhpura   | 8.00<br>4.99               | x 7.94 | x 24.00 Km = Rs 305.51 | 8.00<br>4.99  | x 19.23 x 0.00 Km = Rs 0.00  | 210.23                     | Rs 1873.85 |
| 4     | Stone Boulder            | Cum      | Sheikhpura   | 8.00<br>4.80               | x 7.94 | x 48.00 Km = Rs 635.20 | 8.00<br>4.80  | x 19.23 x 0.00 Km = Rs 0.00  | 210.23                     | Rs 845.43  |
| 5     | Coarse Sand              | Cum      | Kiul River   | 8.00<br>4.99               | x 7.94 | x 35.00 Km = Rs 445.53 | 8.00<br>4.99  | x 19.23 x 1.00 Km = Rs 30.83 | 113.70                     | Rs 590.06  |
| 6     | Binding Material/Moorum  | Cum      | Sheikhpura   | 8.00<br>6.00               | x 7.94 | x 48.00 Km = Rs 508.16 | 8.00<br>6.00  | x 19.23 x 0.00 Km = Rs 0.00  | 113.70                     | Rs 621.86  |
| 7     | Local Sand               | Cum      | Local        | 8.00<br>4.99               | x 7.94 | x 2.00 Km = Rs 25.46   | 8.00<br>4.99  | x 19.23 x 1.00 Km = Rs 30.83 | 113.70                     | Rs 169.99  |
| 8     | Brick                    | 1000 Nos | Local        | 8.00<br>2.00               | x 7.94 | x 7.00 Km = Rs 222.32  | 8.00<br>2.00  | x 19.23 x 1.00 Km = Rs 76.92 | 477.52                     | Rs 776.76  |
| 9     | Cement                   | MT       | Local        | 8.00<br>8.00               | x 7.94 | x 17.00 Km = Rs 134.98 | 8.00<br>8.00  | x 19.23 x 0.00 Km = Rs 0.00  | 316.10                     | Rs 451.08  |
| 10    | Steel                    | MT       | Local        | 8.00<br>8.00               | x 7.94 | x 17.00 Km = Rs 134.98 | 8.00<br>8.00  | x 19.23 x 0.00 Km = Rs 0.00  | 337.28                     | Rs 472.26  |
| 11    | Bitumen Emulsion         | MT       | Barauni      | 8.00<br>8.00               | x 7.94 | x 91.00 Km = Rs 722.54 | 8.00<br>8.00  | x 19.23 x 0.00 Km = Rs 0.00  | 361.31                     | Rs 1083.85 |
| 12    | Bitumen                  | MT       | Barauni      | 8.00<br>8.00               | x 7.94 | x 91.00 Km = Rs 722.54 | 8.00<br>8.00  | x 19.23 x 0.00 Km = Rs 0.00  | 361.31                     | Rs 1083.85 |
| 13    | Hume Pipe (1000 mm )     | m        | Lakhisarai   | 8.00<br>10.00              | x 7.94 | x 31.00 Km = Rs 196.91 | 8.00<br>10.00 | x 19.23 x 0.00 Km = Rs 0.00  | 81.88                      | Rs 278.79  |
| 14    | Hume Pipe (600 mm )      | m        | Lakhisarai   | 8.00<br>25.00              | x 7.94 | x 31.00 Km = Rs 78.76  | 8.00<br>25.00 | x 19.23 x 0.00 Km = Rs 0.00  | 35.09                      | Rs 113.85  |
| 15    | Brick Bat                | Cum      | Local        |                            |        |                        |               |                              |                            | Rs 1032.00 |

\* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

| Type of Road          | Per Ton. Km by Tipper | Per Ton. Km by Truck |
|-----------------------|-----------------------|----------------------|
| For Surface Road      | 10.10                 | 7.94                 |
| Unsurface Gravel Road | 12.10                 | 9.56                 |
| Kachha Road           | 24.30                 | 19.23                |

JE 8/11/24  
RWD

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RWD

# Analysis for Carriage Through Railway from Quarry Site to Work Site

## Mirzachawki to Kiul

### Material -Stone Aggregate / Chips

Quarry Site to Mirzachawki Railway Yard (By Road)

$$\text{Pukka / Surface} = \frac{8.00}{4.99} \times 7.94 \times 4.00 \text{ Km} = \text{Rs } 50.92$$

$$\text{Unsurface Gravel Road} = \frac{8.00}{4.99} \times 9.56 \times 0.00 \text{ Km} = \text{Rs } 0.00$$

$$\text{Kachha Road} = \frac{8.00}{4.99} \times 19.23 \times 0.00 \text{ Km} = \text{Rs } 0.00$$

$$\text{Loading \& Unloading} = \text{Rs } 210.23$$

$$(i) \quad \text{Total "A"} = \text{Rs } 261.15$$

Mirzachawki Railway Yard to Kiul Railway Yard = 157.00 Km

$$\text{Railway freight charge from Mirzachawki Railway station} = \text{For 1 MT } 157.00 \text{ Km} = \text{Rs } 316.10 = \text{Rs } 316.10$$

$$\text{Busy Season charge 12\% of Railway freight charge} = \text{For 1 MT} = 12\% = \text{Rs } 37.93$$

$$\text{Railway Development Charge to 5\% of Railway freight} = \text{For 1 MT} = 5\% = \text{Rs } 15.81$$

$$\text{Railway Terminal Charge Rs 40/- Per Tonne Per Terminal} = \text{For 1 MT } 2 \times \text{Rs } 40.00 = \text{Rs } 80.00$$

$$\text{Sub-Total} = \text{For 1 MT} = \text{Rs } 449.84$$

$$\text{Add GST 1\%} = \text{Rs } 0.00$$

$$\text{Total} = \text{For 1 MT} = \text{Rs } 449.84$$

$$\text{Rate for Railway freight Charge "B"} = \text{For 1 Cum} = \text{Rs } 449.84 \times 1.60 = \text{Rs } 719.75$$

$$\text{Add 12\% Overhead} = 12\% = \text{Rs } 86.37$$

$$\text{Add 10\% Contractor Profit} = 10\% = \text{Rs } 80.61$$

$$(ii) \quad \text{Gross Rate for Railway freight Charge} = \text{For 1 Cum} = \text{Rs } 886.73$$

$$(iii) \quad \text{Loading \& Unloading Cost} = \text{For 1 Cum} = \text{Rs } 210.23$$

Carriage Cost from Quarry to Kiul Railway Yard

$$(i) + (ii) + (iii) = \text{For 1 cum} = \text{Rs } 261.15 + \text{Rs } 886.73 + \text{Rs } 210.23 = 1358.11$$



**Schedule XLV-Form No. 134**

Rc Dhood  
Kamarpur Mo to RCD Nathankorma

Laxmi Sareni

**DIVISION**

Barabhipa

**SUB-DIVISION**

**MEASUREMENT BOOK**

879-678

उम्मापिन विगा लागे हे। नि मापन  
 मे. 678 नि. 678  
 100 फुल मे 100 फुल  
 हे, नि. 678 मे. 678  
 वरिष्ठ प्रमंड मे विरवापु (सि-नगपु) पुने  
 निगमि कार्म हेतु मे. 678 पुनार. 678  
 कनिश कुमा. 678 के-नाम से निगमि  
 विगा लागे हे।

  
 11/10/2021  
 Executive Engineer  
 Rural Works Department  
 Work Division, Lakhisarai

Sch. XLV—Form No. 134

Lakhisarai DIVISION  
Barkha SUB-DIVISION

## Measurement Book

No. 678

Name of Officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

Record Entry

1. Pondip Lajip Bore

Bale

|                                           |
|-------------------------------------------|
| $1 + 6 \cdot n + 1 \cdot n + 0.3 = 1.80$  |
| $1 + 6 \cdot n + 2 \cdot n + 0.3 = 3.60$  |
| $1 + 8 \cdot n + 1 \cdot n + 0.15 = 1.20$ |
| $1 + 2 \cdot n + 3.75 + 0.75 = 1.15$      |
| $3 + 10 \cdot n + 3.75 + .45 = 15.875$    |
| $1 + 10 \cdot n + 3.75 + .45 = 16.875$    |
| $23 + 10 \cdot n + 3.75 + .30 = 776.25$   |
| $1 + 10 \cdot n + 3.75 + .30 = 11.25$     |

Continuation 963.98m<sup>3</sup>

963.98 m<sup>3</sup>

| Particulars                  | Details of actual measurement |    |    |    | Contents of area |
|------------------------------|-------------------------------|----|----|----|------------------|
|                              | No.                           | L. | B. | D. |                  |
| 2. Bonding granular sub-base |                               |    |    |    |                  |
| Gravel                       |                               |    |    |    |                  |
| 1710.00 x 2.50 x 0.150       |                               |    |    |    | = 3.75           |
| 1720.00 x 3.75 x 0.150       |                               |    |    |    | = 11.25          |
| 1725.00 x 2.50 x 0.150       |                               |    |    |    | = 9.38           |
| 1710.00 x 2.00 x 0.150       |                               |    |    |    | = 3.00           |
| 174.00 x 3.00 x 0.150        |                               |    |    |    | = 1.80           |
| 2730.00 x 2.00 x 0.150       |                               |    |    |    | = 18.00          |
| 1730.00 x 1.50 x 0.150       |                               |    |    |    | = 6.75           |
| 1720.00 x 1.50 x 0.150       |                               |    |    |    | = 4.50           |
| 1730.00 x 3.75 x 0.150       |                               |    |    |    | = 16.875         |
| 1720.00 x 3.75 x 0.150       |                               |    |    |    | = 11.25          |
| 173.00 x 2.00 x 0.150        |                               |    |    |    | = 0.900          |

|                        |         |
|------------------------|---------|
| 1720.00 x 3.75 x 0.150 | = 11.25 |
| 2730.00 x 3.75 x 0.150 | = 33.75 |
| 172.00 x 2.00 x 0.150  | = 0.600 |
| 2730.00 x 0.60 x 0.150 | = 5.40  |
| 1712.00 x 3.75 x 0.150 | = 6.75  |
| 175.00 x 2.00 x 0.150  | = 1.50  |
| 175.00 x 1.50 x 0.150  | = 1.13  |
| 172.50 x 2.00 x 0.150  | = 0.75  |
| 270.60 x 0.60 x 0.150  | = 0.11  |

157.14m<sup>3</sup>

15.11.21  
JRE

15.11.21  
AE



| Particulars                                                     | Details of actual measurement |    |    |     | Contents of area |
|-----------------------------------------------------------------|-------------------------------|----|----|-----|------------------|
|                                                                 | No.                           | L. | B. | D.  |                  |
| <u>ABSTRACT OF COST</u>                                         |                               |    |    |     |                  |
| 1. Primip layer and<br>filler brick base<br>VTMB P ①            |                               |    |    |     |                  |
| 963.98 m <sup>3</sup> @ 2092.45/m <sup>3</sup>                  |                               |    |    |     | 2017083.~        |
| 2. Primip Construction<br>granular sub base<br>G-11<br>VTMB P ② |                               |    |    |     |                  |
| 157.14 m <sup>3</sup> @ 1524.76/m <sup>3</sup>                  |                               |    |    |     | 239538.~         |
|                                                                 |                               |    |    |     | Rs 2256521.~     |
| Add 14. Loko cost                                               |                               |    |    | +1% | 22565.~          |
| Add 12% GST                                                     |                               |    |    | +1% | 270795.~         |
| Add 10% Signature fee                                           |                               |    |    |     |                  |
| Brick Base                                                      |                               |    |    |     |                  |
| 1157.10 m <sup>3</sup> @ 1032.77/10% +1%                        |                               |    |    |     | 1,19402.~        |
| Cost G-11                                                       |                               |    |    |     |                  |
| 26.5 mm @ 9.5 mm                                                |                               |    |    |     |                  |
| 20.40 x 604.91 + 10% +1%                                        |                               |    |    |     | 4258.~           |
| 9.5 mm @ 2.76 mm                                                |                               |    |    |     |                  |
| 50.28 m <sup>3</sup> @ 514.58/m <sup>3</sup> + 10% +1%          |                               |    |    |     | 2586.~           |
| Local gravel                                                    |                               |    |    |     |                  |
| 80.46 m <sup>3</sup> @ 141.85/10% +1%                           |                               |    |    |     | 1141.~           |
|                                                                 |                               |    |    |     | Rs 2677270.~     |

Continuation

15.11.21  
SE

15.11.21  
AE

26.11.2021  
CC