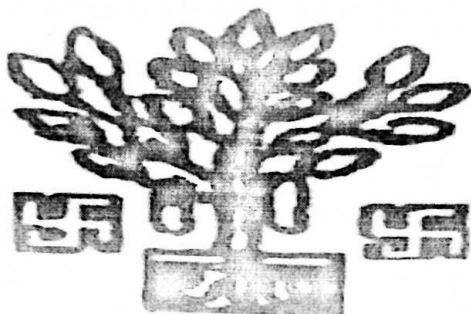


# **RURAL WORKS DEPARTMENT**

## **GOVT OF BIHAR**



### **ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD**

**NAME OF WORKS :-** Nemua to Laxmipur

**BLOCK :-** Supaul

**FDR**

**9,68,945**

**YEAR(2024-25)**

**R.W.D., WORKS CIRCLE, MADHEPURA**

**R.W.D., WORKS DIVISION, SUPAUL**

प्रतिवेदन  
पथ का नाम :- नैमुआ से लक्ष्मीपुर पथ  
कार्य का नाम :-

में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 2024 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त पथ नैमुआ से लक्ष्मीपुर  
में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी  
प्राक्कलित लागत - Rs. 9,68,945/- है। उक्त पथ  
का निर्माण NABARD योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में है।  
पथ के कटे (क्षतिग्रस्त) भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं  
Brick Bats देने के बाद यातायात चालू कराया गया है। पथ के विभिन्न हिस्से में कराये गये कार्य  
का विवरणी स्पष्ट रूप से प्राक्कलन में दर्शाया गया है।  
प्राक्कलन मदों का दर वर्तमान अनुसूचित दर के अनुरूप है।

09.11.2024

कनीय अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रशाखा, .....

09.11.2024

सहायक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अवर प्रमण्डल, सुपौल।

09.11.24

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल, सुपौल।

## INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- R.W.D. Supaul.

Name of Block Road :- Supaul./ Nemua to Laxmipur.

### A. For Road

1. Damage Location/Chainage :- 0.00

2. Damage Length :- 24.0M

3. Nature of Damage (Length Wise) (i) Breach :- fully Breach,  
(ii) Crust Damage :- yes  
(iii) Only Flank Damage :- —

whether traffic fully/Partialiy obstructed :-

4. Details of Restoration :-

(i) Material Being Used in Restoration :- Brick Bats

(ii) Equipment/Tools Being Used in Restoration Works :- Tractors, etc.,

(iii) Restored Length - 24.0M In open Area :- 24.0M  
In habitation Area :-

(iv) If Restoration work done in habitation Area give Reason :-

### B. For Bridge (Size of Bridge/Culvert) - N/A

(1) Damage Location/Chainage :- N/A

(2) No. of Span Damage :- N/A

(3) Length of Span :- N/A

(4) Nature of Damage (Pier/Abuttment/  
Wing Wall/Approach Road Damage) :- N/A

(5) Details of Restoration :- N/A

(i) Material Being Used in Restoration :- N/A

(ii) Equipment/Tools Being Used in Restoration Works :- N/A

(iii) Restored Length :- N/A

Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :- Satisfactory

10/11/2024  
T.S.

14.11.2024  
AE

Signature of Inspector  
(Official Seal)

Executive Engineer  
Rural Works Department  
Works Division Udakishungani

# SUMMARY OF COST ESTIMATE FOR THE PROJECT

|                             |                                            |                |
|-----------------------------|--------------------------------------------|----------------|
| NAME OF ROAD :-             | Nemua to Laxmipur                          |                |
| DISTRICT :-                 | Supaul                                     |                |
| BLOCK :-                    | Supaul                                     |                |
| Length of Road:-            | 0.995KM                                    |                |
| Length of Cutting in mtr :- | 24.000                                     |                |
| Sl. No.                     | DESCRIPTION                                | AMOUNT (LAKHS) |
| 1                           | Filling of local sand                      | 0.00           |
| 2                           | Labour for cutting 62mm to 75mm dia bamboo | 0.00           |
| 3                           | Labour for fitting 62mm to 75mm dia bamboo | 0.00           |
| 5                           | Supplying of EC bag, of local sand         | 0.00           |
| 6                           | Supply and Carriage of brick bats          | 766524.37      |
| 7                           | Supply, laying and carriage of 1000 mm HPC | 0.00           |
| 8                           | Drone videography Three times              | 15000.00       |
|                             | SUB TOTAL COST =                           | 781524.37      |
|                             | ADD GST @18% =                             | 140674.39      |
|                             | Add Labour cess @ 1%=                      | 7815.24        |
|                             | Seigniorage Fees @10% =                    | 38931.32       |
|                             | TOTAL (RS.) =                              | 9,68,945       |

*[Signature]*  
09.11.2024

J.E

*[Signature]*  
09.11.2024  
A.E

*[Signature]*  
9.11.24

E.E

Technically <sup>Approved</sup> ~~Sanctioned~~ for Rs - 9,68,945 = (Nine lakh sixty eight thousand Nine hundred forty five only)

S.E

*[Signature]*  
14.11.24

Superintending Engineer  
Rural Works Department  
Works Circle Madhepura

# Bill of Quantity

NAME OF ROAD :-

Nemua to Laxmipur

DISTRICT :-

Supaul

BLOCK :-

Supaul

| Sl. No.        | DESCRIPTION OF ITEMS                                                                                            | QUANTITY | UNIT | RATE (Rs.) | AMOUNT (Rs.) |
|----------------|-----------------------------------------------------------------------------------------------------------------|----------|------|------------|--------------|
| 1              | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job. | 373.98   | CUM  | 2049.64    | 766524.37    |
| A) SUB TOTAL = |                                                                                                                 |          |      |            | 766524.37    |
| TOTAL COST =   |                                                                                                                 |          |      |            | 766524       |

 09-11-2024

J.E

 09-11-2024  
A.E

 09-11-2024

E.E

ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

|                      |                                                                                                                 |                   |     |       |                    |                    |                |            |              |  |  |
|----------------------|-----------------------------------------------------------------------------------------------------------------|-------------------|-----|-------|--------------------|--------------------|----------------|------------|--------------|--|--|
| NAME OF ROAD :-      |                                                                                                                 | Nemua to Laxmipur |     |       |                    |                    |                |            |              |  |  |
| DISTRICT :-          |                                                                                                                 | Supaul            |     |       |                    |                    |                |            |              |  |  |
| BLOCK :-             |                                                                                                                 | Supaul            |     |       |                    |                    |                |            |              |  |  |
| Length of Cutting :- |                                                                                                                 | 24.00 mtr         |     |       |                    |                    |                |            |              |  |  |
| Sl. No.              | DESCRIPTION OF ITEMS                                                                                            | Unit              | Nos | L(m)  | B(m)               | D(m)               | QUANTITY       | RATE (Rs.) | AMOUNT (Rs.) |  |  |
| 1                    | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job. |                   |     |       |                    |                    |                |            |              |  |  |
|                      | At ch. 2.600km                                                                                                  | cum               | 1   | 24.00 | (3.85+4.85+4.85)/3 | (2.85+4.75+2.75)/3 | 373.98         |            |              |  |  |
|                      |                                                                                                                 | cum               |     |       | total qty :-       |                    | 373.98         | 2,049.64   | 766524.37    |  |  |
|                      |                                                                                                                 |                   |     |       |                    |                    | A) SUB TOTAL = |            | 766524.37    |  |  |
|                      |                                                                                                                 |                   |     |       |                    |                    | TOTAL COST =   |            | 766524.37    |  |  |

09/11/2024  
Junior Engineer

09.11.2024  
Asstt. Engineer

09.11.24  
Executive Engineer

S E  
Madhepura



### Calculation of Seigniorage Fees

|                                         |                                                                                                                 |                   |      |            |              |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------|------|------------|--------------|
| NAME OF ROAD :-                         |                                                                                                                 | Nemua to Laxmipur |      |            |              |
| DISTRICT :-                             |                                                                                                                 | Supaul            |      |            |              |
| BLOCK :-                                |                                                                                                                 | Supaul            |      |            |              |
| Sl. No.                                 | DESCRIPTION OF ITEMS                                                                                            | QUANTITY          | Unit | RATE (Rs.) | AMOUNT (Rs.) |
| 1                                       | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats. all complete job. | 373.98            | cum  | 1041.00    | 389313.18    |
| A) SUB TOTAL =                          |                                                                                                                 |                   |      |            | 389313.18    |
| Seigniorage Fees @10% of Basic Amount = |                                                                                                                 |                   |      |            | 38931        |

*[Signature]*  
JE 09.11.2024

*[Signature]*  
A.E 09.11.2024

*[Signature]*  
E.E 09.11.24

# Analysis for Carriage by Road & Rail

| Sl No | Item with Source      | Unit     | Source Up to | Carriage Cost & Lead in Km |   |       |   |           |   |           |       |   |       |         |   |           | Loading & Unloading Cost | Carriage Cost by Rail Head | Total |
|-------|-----------------------|----------|--------------|----------------------------|---|-------|---|-----------|---|-----------|-------|---|-------|---------|---|-----------|--------------------------|----------------------------|-------|
|       |                       |          |              | Pukka / Surface            |   |       |   |           |   | Katcha    |       |   |       |         |   |           |                          |                            |       |
|       |                       |          |              |                            |   |       |   |           |   |           |       |   |       |         |   |           |                          |                            |       |
| 1     | Local Sand            | Cum      | Local        | 8.00                       | x | 7.47  | x | 2.00 Km   | = | Rs 23.95  | 8.00  | x | 17.82 | 1.00 Km | = | Rs 28.57  | 104.388                  | Rs. 157.40                 |       |
|       |                       |          |              | 4.99                       |   |       |   |           |   |           | 4.99  |   |       |         |   |           |                          |                            |       |
| 2     | Brick                 | 1000 Nos | Local        | 8.00                       | x | 7.94  | x | 7.00 Km   | = | Rs 222.32 | 8.00  | x | 19.22 | 1.00 Km | = | Rs 76.88  | 417.46                   | Rs. 716.66                 |       |
|       |                       |          |              | 2.00                       |   |       |   |           |   |           | 2.00  |   |       |         |   |           |                          |                            |       |
| 3     | Hume Pipe ( 1000 mm ) | m        | Kariain      | 8.00                       | x | 7.94  | x | 106.00 Km | = | Rs 673.31 | 8.00  | x | 19.22 | 0.00 Km | = | Rs 0.00   | 73.32                    | Rs. 746.63                 |       |
|       |                       |          |              | 10.00                      |   |       |   |           |   |           | 10.00 |   |       |         |   |           |                          |                            |       |
| 4     | Hume Pipe (600 mm )   | m        | Kariain      | 8.00                       | x | 7.94  | x | 106.00 Km | = | Rs 269.32 | 8.00  | x | 19.22 | 0.00 Km | = | Rs 0.00   | 31.42                    | Rs. 300.74                 |       |
|       |                       |          |              | 25.00                      |   |       |   |           |   |           | 25.00 |   |       |         |   |           |                          |                            |       |
| 5     | Hume Pipe (300 mm )   | m        | Kariain      | 8.00                       | x | 7.94  | x | 106.00 Km | = | Rs 112.22 | 8.00  | x | 19.22 | 0.00 Km | = | Rs 0.00   | 31.42                    | Rs. 143.64                 |       |
|       |                       |          |              | 60.00                      |   |       |   |           |   |           | 60.00 |   |       |         |   |           |                          |                            |       |
| 6     | Brick Bats            | Nos.     | Local        | 3.60                       | x | 18.64 | x | 7.00 Km   | = | Rs 208.80 | 3.60  | x | 66.03 | 2.00 Km | = | Rs 211.30 | 227.60                   | Rs. 647.70                 |       |
|       |                       |          |              | 2.25                       |   |       |   |           |   |           | 2.25  |   |       |         |   |           |                          |                            |       |

09-11-2024

J.E

09-11-2024

A.E

09-11-24

E.E



| Type of Road          | Per Ton. Km by Tipper | Per Ton. Km by Truck |
|-----------------------|-----------------------|----------------------|
| For Surface Road      | 11.70                 | 7.94                 |
| Unsurface Gravel Road | 14.00                 | 9.55                 |
| Kachha Road           | 28.20                 | 19.22                |

| Type of Road          | Per Ton. Km by | Per Ton. Km by |
|-----------------------|----------------|----------------|
| For Surface Road      | Tractor        | 18.64          |
| Unsurface Gravel Road |                | 23.29          |
| Kachha Road           |                | 66.03          |

| Summary of Carriage Cost |                                          |          |         |  |
|--------------------------|------------------------------------------|----------|---------|--|
| Sl. No.                  | Particulars                              | Unit     | Amount  |  |
| 1                        | c) Local sand                            | Cum      | 157.40  |  |
| 2                        | d) Local Sand at Site                    | Cum      | 300.72  |  |
| 3                        | Geo Bags                                 | Nos.     | 238.20  |  |
| 4                        | a) Hume Pipe NP 3 ( 600 MM DIA )         | m        | 300.74  |  |
| 5                        | b) Hume pie ( 600 dia ) at site          | m        | 2875.55 |  |
| 6                        | a )Hume Pipe NP 3 ( 1000MM DIA )         | m        | 746.63  |  |
| 7                        | b )Hume Pipe NP 3 ( 1000MM DIA ) at site | m        | 3504.85 |  |
| 8                        | Brick                                    | per 1000 | 716.66  |  |
| 9                        | Brick Bats /hama metal                   | Cum      | 647.70  |  |

*[Signature]*  
09.11.2024  
Junior Engineer

*[Signature]*  
09.11.2024  
Assistant Engineer

*[Signature]*  
09.11.24  
Executive Engineer

**BASIC RATES  
(A) Labour**

| Sl. No. | Description of Labour  | Unit | Rate (Rs.) |
|---------|------------------------|------|------------|
| L-01    | Bhisti                 | day  | 373.00     |
| L-02    | Bitumen Sprayer        | day  | 393.00     |
| L-03    | Blacksmith             | day  | 503.00     |
| L-04    | Blaster                | day  | 619.00     |
| L-05    | Carpenter 1st Class    | day  | 503.00     |
| L-06    | Carpenter 2nd Class    | day  | 503.00     |
| L-07    | Chips spreader         | day  | 449.00     |
| L-08    | Chiseller              | day  | 577.00     |
| L-09    | Dresser (Skilled)      | day  | 472.00     |
| L-10    | Driller                | day  | 449.00     |
| L-11    | Electrician            | day  | 503.00     |
| L-12    | Fitter                 | day  | 511.00     |
| L-13    | Mason (1st class)      | day  | 503.00     |
| L-14    | Mason (2nd Class)      | day  | 449.00     |
| L-15    | Mate                   | day  | 397.00     |
| L-16    | Mazdoor (Unskilled)    | day  | 373.00     |
| L-17    | Mazdoor (Semi skilled) | day  | 388.00     |
| L-18    | Mazdoor (Skilled)      | day  | 472.00     |
| L-19    | Painter (1st class)    | day  | 476.00     |
| L-20    | Plumber                | day  | 476.00     |
| L-21    | Surveyor               | day  | 454.00     |
| L-22    | White Washer           | day  | 476.00     |

## Basic Rate of Material

| Sl. No. | Ref. Code No. | Description of Labour                                            | Rate (Rs.) | Unit      |
|---------|---------------|------------------------------------------------------------------|------------|-----------|
| 1       |               | Filling E.C. Bags                                                | 629.20     | %nos.     |
| 2       |               | Placing E.C. Bags                                                | 911.00     | %nos.     |
| 3       |               | Filling E.C. Bags and Placing                                    | 1553.80    | %nos.     |
| 4       |               | Filling Geo. Bags                                                | 26.40      | each      |
| 5       |               | Placing Geo. Bags                                                | 34.30      | each      |
| 6       |               | Filling Geo. Bags and Placing                                    | 81.00      | each      |
| 7       |               | Filling E.C. Bags and Placing in N.C                             | 388.60     | each      |
| 8       |               | Filling E.C. Bags and Placing in B.A. Wire Crates                | 1243.00    | each      |
| 9       |               | Filling Geo. Bags and Placing in N.C                             | 364.20     | each      |
| 10      |               | Filling Geo. Bags and Placing in B.A. Wire Crates(Beggy)         | 1638.90    | each      |
| 11      |               | Filling Geo. Bags and Placing in B.A. Wire Crates(Box)           | 2003.10    | each      |
| 12      |               | Filling Geo. Bags and Placing in Gabbin 1.8x1.8x0.5              | 1092.60    | each      |
| 13      |               | Filling Geo. Bags and Placing in Gabbin 1.8x1.8x0.6              | 728.40     | each      |
| 14      |               | Already Filled E.C. Bags Placing in N.C                          | 231.16     | each      |
| 15      |               | Already Filled E.C. Bags Placing in B.A. Wire crates             | 739.68     | each      |
| 16      |               | Already Filled Geo. Bags Placing in N.C                          | 205.80     | each      |
| 17      |               | Already Filled Geo. Bags Placing in B.A. Wire Crates(Beggy)      | 926.10     | each      |
| 18      |               | Already Filled Geo. Bags Placing in B.A. Wire Crates(Box)        | 1131.90    | each      |
| 19      |               | Already Filled Geo. Bags Placing in Gabbin 1.8x1.8x0.5           | 617.40     | each      |
| 20      |               | Already Filled Geo. Bags Placing in Gabbin 1.8x1.8x0.6           | 411.60     | each      |
| 21      |               | Supply of bamboo 75mm dia                                        | 162.70     | each      |
| 22      |               | Carriage of bamboo 75mm dia lead 5km us                          | 8.70       | each      |
| 23      |               | Supply of bamboo 100 mm dia                                      | 173.70     | each      |
| 24      |               | Carriage of bamboo 100 mm dia lead 5km us                        | 9.30       | each      |
| 25      |               | Supply of binding wire                                           | 75.04      | Kg        |
| 26      |               | Laying of porcupine Without boat                                 | 834.80     | each      |
| 27      |               | Laying of porcupine with boat                                    | 877.90     | each      |
| 28      |               | Bamboo piling with jet pump                                      | 38.20      | each      |
| 29      |               | Tree spur                                                        | 358.00     | each      |
| 30      | M-189         | Water                                                            | 56.20      | KL        |
| 31      | e(ii)         | Brick Bats                                                       | 1041.00    | per cum   |
| 32      | M-006         | Local/Fine Sand                                                  | 143.32     | per cum   |
| 33      |               | Nails                                                            | 55.84      | per kg    |
| 34      | 222(i)        | Bamboo 75mm dia 6m to 8m long                                    | 117.65     | each      |
| 35      | 232           | Sutali                                                           | 19.75      | per kg    |
| 36      | M-120         | Coarse Sand                                                      | 494.00     | per cum   |
|         | M-121         | Sand (Fine)                                                      | 143.32     | per cum   |
| 37      | M-081         | Cement                                                           | 5850.40    | per mt    |
| 38      |               | HP 1000mm dia NP3                                                | 2758.22    | per mt    |
| 39      |               | HP 600mm dia NP3                                                 | 2574.81    | per mt    |
| 40      | M-159         | Sand Bags (Cost of sand and empty cement bag)                    | 8.46       | per nos.. |
| 41      | 275           | Old empty cement bag(synthetic)(Annexure-I)                      | 292.00     | per %nos. |
| 42      | 276           | Nylon Crate of size 1mx1mx1m                                     | 39.85      | Each      |
| 43      | M-017         | Aggregate 40 mm                                                  | 494.15     | Cum       |
| 44      | M-016         | Aggregate 20 mm                                                  | 604.91     | Cum       |
| 45      | M-015         | Aggregate 10 mm                                                  | 668.8      | Cum       |
| 46      | M-047         | Cement Primer                                                    | 115.16     | litre     |
| 47      | M-103         | Paint (Synthetic Enamel)                                         | 516.42     | litre     |
| 48      | M-150         | Well Graded Material for Sub-Base - Grading I 53 mm to 9.5 mm    | 516.42     | Cum       |
| 49      | M-151         | Well Graded Material for Sub-Base - Grading II 9.5 mm to 2.36 mm | 411.33     | Cum       |
| 50      | M-152         | Well Graded Material for Sub-Base - Grading III 2.36 mm below    | 185.94     | Cum       |
| 51      | M-105         | Polythene sheet (125 micron)                                     | 14.35      | Sqm       |
| 52      |               | G.I. wire 3.15 mm dia                                            | 69.3       | per kg    |
| 53      |               | Compensation for earth taken from private land                   | 34.81      | Cum       |
| 54      |               | Stitching Role                                                   | 30         | Nos.      |



**BASIC RATES**  
**(C) USAGE RATES OF PLANT & MACHINERY**

| Sr. No. | Description of                              |                                    | Output of Machine |          | Usage Rates in Rs. |           |
|---------|---------------------------------------------|------------------------------------|-------------------|----------|--------------------|-----------|
|         | Machine                                     | Activity                           | Unit              | Output   | Unit               | Rate      |
| PM-008  | Dozer - D 175 HP                            | Dozing cutting                     | cum/h             | 200.00   | per hour           | 4,249.00  |
|         |                                             |                                    | cum/h             | 100.00   |                    | 4,249.00  |
| PM-013  | Hydraulic Excavator 0.9 cum                 | Excavation                         | cum/h             | 100.00   | per hour           | 2,272.00  |
|         | Hire Charge of stitching machine            |                                    | Day               | 50.00    | per Day            | 50.00     |
|         | Hire Charge of Manual Trolley               |                                    | Day               | 50.00    | per Day            | 50.00     |
|         | Hire Charge of 3KVA generator               |                                    | Hour              | 74.00    | per Hour           | 74.00     |
| PM-017  | Front end-loader 1 cum bucket capacity      | Loading Aggregates                 | cum/h             | 25.00    | per hour           | 2,033.00  |
|         |                                             | Loading Soil                       | cum/h             | 60.00    |                    | 2,033.00  |
| PM-032  | Motor Grader                                | Scarifier & levelling              | cum/h             | 200.00   | per hour           | 4,403.00  |
|         | Tractor Mounted Grader                      |                                    |                   | 50.00    |                    | 1,100.75  |
|         | Time taken for onward haulage with load     |                                    | Hour              | 612.00   | per Hour           | 612.00    |
|         | Time taken for empty return trip.           |                                    | Hour              | 612.00   | per Hour           | 612.00    |
| PM-033  | Needle vibrator                             | Vibrating cement concrete mix      | cum/h             | 3.50     | per hour           | 386.00    |
| PM-035  | Paver finisher                              | Laying/spreading                   | Cum/h             | 40.00    | per hour           | 2,141.00  |
| PM-086  | Plate compactor                             | Compaction                         | cum/h             |          | per hour           | 469.70    |
| PM-087  | Plate vibrator                              | Compaction                         | cum/h             |          | per hour           | 469.70    |
| PM-088  | Screed vibrator                             | Compaction                         | cum/h             |          | per hour           | 102.64    |
| PM-044  | Smooth wheeled 80-100 kN tandem roller      | Compaction of Sub-base/ Asphalt    | cum/h             | 30.00    | per hour           | 1,978.00  |
| PM-045  | Stone crusher (Integrated) of 200 TPH       | Crushing of Spalls                 | t/h               | 200.00   | per hour           | 27,581.30 |
| PM-046  | Three wheel 80-100 kN Static Roller         | Compaction/ Rolling                |                   |          | per hour           | 1,518.00  |
|         |                                             | Earth:- Embankment or sub-grade    | cum/h             | 80/70    |                    | 1,518.00  |
|         |                                             | Sub-base G-I                       | cum/h             | 10.00    |                    | 1,518.00  |
|         |                                             | Sub-base G-II/G-III                | cum/h             | 8.00     |                    | 1,518.00  |
|         |                                             | WMM                                | cum/h             | 16.00    |                    | 1,518.00  |
| PM-047  | Tipper 5.5 cum/10 t                         | Carriage                           | cum/trip          | 5.50     | per hour           | 1,426.00  |
| PM-048  | Tractor with Disc Harrows                   | Pulverisation of soil              | cum/h             | 80.00    | per hour           | 549.10    |
| PM-049  | Tractor with ripper @ 60 cum per hour       | Ripping Pavements, uprooting trees | cum/h             | 60.00    | per hour           | 629.00    |
| PM-050  | Tractor with trolley/with Grading equipment | Transportation of materials        | t/trip            | 3 to 5   | per hour           | 629.00    |
| PM-051  | Tractor with Rotavator                      | Scarifier                          | cum/h             | 25.00    | per hour           | 573.20    |
| PM-052  | Truck 10 t capacity                         | Carriage                           | cum/trip          | 5.50     | per hour           | 934.50    |
| PM-053  | Vibratory roller 80-100 kN                  | Compaction of soil                 | cum/h             | 100.00   | per hour           | 2,338.00  |
|         |                                             | WMM                                |                   |          |                    |           |
|         |                                             | Compaction of BM                   | cum/h             | 60.00    |                    | 2,338.00  |
| PM-054  | Water tanker 6 kl capacity (Truck Mounted)  | Carriage of water                  | litre / h         | 12000.00 | per hour           | 752.00    |
| PM-055  | Wet mix plant (Pug Mill)                    | Wet Mix                            | cum/h             | 25.00    | per hour           | 1,822.30  |

| Analysis of Rate                   |         |                                                                                                                                                                                                                                         |      |       |           |              |  |
|------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-----------|--------------|--|
| Sl No.                             | SOR No. | Description                                                                                                                                                                                                                             | Unit | Qty   | Rate(Rs.) | Amount (Rs.) |  |
| Carriage of materials (By Tractor) |         |                                                                                                                                                                                                                                         |      |       |           |              |  |
| 1                                  | 1.4     | Cost of Haulage excluding Loading & Unloading                                                                                                                                                                                           |      |       |           |              |  |
|                                    | RCD     | Haulage of materials by Tractor excluding cost of loading, unloading and stacking.                                                                                                                                                      |      |       |           |              |  |
|                                    |         | Unit =                                                                                                                                                                                                                                  |      |       |           |              |  |
|                                    |         | Taking output 3.60 Tonne load and lead 10 km = 36.0 t.km                                                                                                                                                                                |      |       |           |              |  |
|                                    |         | Case-I : Surfaced                                                                                                                                                                                                                       |      |       |           |              |  |
|                                    |         | Speed with load: 15 km per hour                                                                                                                                                                                                         |      |       |           |              |  |
|                                    |         | Speed while returning empty: 25 km per hour                                                                                                                                                                                             |      |       |           |              |  |
|                                    |         | a) Machiner                                                                                                                                                                                                                             |      |       |           |              |  |
|                                    |         | Tractor 3.6 t capacity                                                                                                                                                                                                                  |      |       |           |              |  |
|                                    |         | Time taken for onwards haulage with load                                                                                                                                                                                                | hou  | 0.667 | 629.00    | 419.54       |  |
|                                    |         | Time taken for empty return trip                                                                                                                                                                                                        | hou  | 0.400 | 629.00    | 251.60       |  |
|                                    |         | Total                                                                                                                                                                                                                                   |      |       |           | 671.14       |  |
|                                    |         | Add OH@12%                                                                                                                                                                                                                              |      |       |           | -            |  |
|                                    |         |                                                                                                                                                                                                                                         |      |       |           | 671.14       |  |
|                                    |         | Rate per Ton.km                                                                                                                                                                                                                         |      |       |           | 18.64        |  |
|                                    |         | Case-II: Unsurfaced                                                                                                                                                                                                                     |      |       |           |              |  |
|                                    |         | Speed with load: 12 km/hour                                                                                                                                                                                                             |      |       |           |              |  |
|                                    |         | Speed for empty return trip: 20 km/hour                                                                                                                                                                                                 |      |       |           |              |  |
|                                    |         | a) Machiner                                                                                                                                                                                                                             |      |       |           |              |  |
|                                    |         | Tractor 3.6 t capacity                                                                                                                                                                                                                  |      |       |           |              |  |
|                                    |         | Time taken for onwards haulage with load                                                                                                                                                                                                | hou  | 0.833 | 629.00    | 523.96       |  |
|                                    |         | Time taken for empty return trip                                                                                                                                                                                                        | hou  | 0.500 | 629.00    | 314.50       |  |
|                                    |         | Total                                                                                                                                                                                                                                   |      |       |           | 838.46       |  |
|                                    |         | Add OH@12%                                                                                                                                                                                                                              |      |       |           | -            |  |
|                                    |         |                                                                                                                                                                                                                                         |      |       |           | 838.46       |  |
|                                    |         | Rate per Ton.km                                                                                                                                                                                                                         |      |       |           | 23.29        |  |
|                                    |         | (c) Case-III: Katcha Track and Track in River Bed / Nallah Bed and Choe Bed                                                                                                                                                             |      |       |           |              |  |
|                                    |         | Speed with load : 10 km / hour                                                                                                                                                                                                          |      |       |           |              |  |
|                                    |         | Speed with returning empty : 15 km / hour                                                                                                                                                                                               |      |       |           |              |  |
|                                    |         | (a) Machinery                                                                                                                                                                                                                           |      |       |           |              |  |
|                                    |         | Tipper 10 tonnes or 5.5 cum capacity                                                                                                                                                                                                    | hour | 1.000 | 1,426.00  | 1,426.00     |  |
|                                    |         | Time taken for empty return trip                                                                                                                                                                                                        | hour | 0.667 | 1,426.00  | 951.14       |  |
|                                    |         | Total                                                                                                                                                                                                                                   |      |       |           | 2,377.14     |  |
|                                    |         | Add OH@12%                                                                                                                                                                                                                              |      |       |           | -            |  |
|                                    |         | Cost for 36.0 t.km =a+b                                                                                                                                                                                                                 |      |       |           | 2,377.14     |  |
|                                    |         | Rate per Ton.km                                                                                                                                                                                                                         |      |       |           | 66.03        |  |
| 2                                  | 6.6.1.  | Labour for laying Brick bats /dry graded jhama khoa or stone filter under Brick Pitching or Boulder pitching in slope or apron including light ramming etc. all complete job as per approved design, specification and direction of E/I |      |       |           |              |  |
|                                    | WRD     | Unit = Per Cum                                                                                                                                                                                                                          |      |       |           |              |  |
|                                    |         | Taking output= 2.832 Cum                                                                                                                                                                                                                |      |       |           |              |  |
|                                    |         | a) Labour                                                                                                                                                                                                                               |      |       |           |              |  |
|                                    |         | Mazdoor (Unskilled)                                                                                                                                                                                                                     | Nos  | 3.00  | 373.00    | 1,119.00     |  |
|                                    |         | b) Overheads @ 12% on (a)                                                                                                                                                                                                               |      |       |           | 0.00         |  |
|                                    |         | Rate for 2.832 Cum                                                                                                                                                                                                                      |      |       |           | 1,119.00     |  |
|                                    |         | Rate Per Cum                                                                                                                                                                                                                            |      |       |           | 395.13       |  |



|   |     |        |                                                                                                                                                                                                                            |          |       |           |
|---|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-----------|
| 3 | 1.1 |        | Loading and Unloading of Stone Boulder, Stone aggregate ,Sand, Kankar,Moorum , Brick Bats and Sand etc.                                                                                                                    |          |       |           |
|   | RCD |        | Unit = Per Cum                                                                                                                                                                                                             |          |       |           |
|   |     |        | Taking output= 2.25 Cum                                                                                                                                                                                                    |          |       |           |
|   |     |        | Time required for                                                                                                                                                                                                          |          |       |           |
|   |     | i)     | Positioning of tipper at unloading point                                                                                                                                                                                   | day      | 1 Min |           |
|   |     | ii)    | Loading by front end loader 1 cum bucket capacity @ 25 cum per hour                                                                                                                                                        | day      | 5Min  |           |
|   |     | iii)   | Maneuvering, reversing, dumping and turning for return                                                                                                                                                                     |          | 0Min  |           |
|   |     | iv)    | Waiting time, unforeseen contingencies etc                                                                                                                                                                                 | hou<br>r | 0Min  |           |
|   |     | Total  |                                                                                                                                                                                                                            |          | 6Min  |           |
|   |     | a)     | Labour                                                                                                                                                                                                                     |          |       |           |
|   |     |        | Mate                                                                                                                                                                                                                       | day      | 0.03  | 397.00    |
|   |     |        | Mazadoor for Loading and unloading                                                                                                                                                                                         | day      | 0.72  | 373.00    |
|   |     | b)     | Machinery                                                                                                                                                                                                                  |          |       |           |
|   |     |        | Tractor 3.6 t capacity                                                                                                                                                                                                     | Hou      | 0.10  | 629.00    |
|   |     |        | Front end loader 1 cum bucket capacity @ 25 cum per                                                                                                                                                                        | Hou<br>r | 0.08  | 2,033.00  |
|   |     |        |                                                                                                                                                                                                                            |          |       | 512.11    |
|   |     |        | Add OH@12%                                                                                                                                                                                                                 |          |       | -         |
|   |     |        |                                                                                                                                                                                                                            |          |       | 512.11    |
|   |     |        | Rate per Cum=(a+b+c)/2.25                                                                                                                                                                                                  |          |       | 227.60    |
|   |     | Note:- | Unloading will be done Manually.                                                                                                                                                                                           |          |       |           |
| 4 | 9.3 | 1100   | Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row .                                                                                                                                                   |          |       |           |
|   |     |        | 1000 mm dia Hume Pipe                                                                                                                                                                                                      |          |       |           |
|   |     |        | Unit=m                                                                                                                                                                                                                     |          |       |           |
|   |     |        | Taking Output=7.5 m                                                                                                                                                                                                        |          |       |           |
|   |     | a      | Material                                                                                                                                                                                                                   |          |       |           |
|   |     |        | Sand at site                                                                                                                                                                                                               | cum      | 0.04  | 3,293.47  |
|   |     |        | Cement at site                                                                                                                                                                                                             | ton      | 0.03  | 6,427.68  |
|   |     |        | RCC pipe NP3 pipe includsing collar at site                                                                                                                                                                                | m        | 7.50  | 3,504.85  |
|   |     |        |                                                                                                                                                                                                                            |          |       | 26286.38  |
|   |     | b      | Labour                                                                                                                                                                                                                     |          |       |           |
|   |     |        | Mate                                                                                                                                                                                                                       | day      | 0.09  | 397.00    |
|   |     |        | Mason (1 class)                                                                                                                                                                                                            | day      | 0.25  | 503.00    |
|   |     |        | Mazdoor(Unskilled)                                                                                                                                                                                                         | day      | 2.00  | 373.00    |
|   |     |        |                                                                                                                                                                                                                            |          |       | 746.00    |
|   |     |        |                                                                                                                                                                                                                            |          |       | 27,518.42 |
|   |     |        | Add OH@12%                                                                                                                                                                                                                 |          |       | -         |
|   |     |        |                                                                                                                                                                                                                            |          |       | 27,518.42 |
|   |     |        | Cost for 7.50 m =                                                                                                                                                                                                          |          |       | 27,518.42 |
|   |     |        | Rate per M=                                                                                                                                                                                                                |          |       | 3,669.12  |
| 5 |     |        | (Providing and laying of brick bats obtained from chimney with machnical means with all spreading gradding to required slope and compacted at OMC to achieve required density with all completed as per direction of E/I ) |          |       |           |
|   |     |        | Taking out put=100 cum                                                                                                                                                                                                     |          |       |           |
|   |     | a)     | Labour                                                                                                                                                                                                                     |          |       |           |
|   |     |        | Cost of Labour for Pitching and Light                                                                                                                                                                                      | day      | 1.00  | 360.94    |
|   |     | b)     | Materials                                                                                                                                                                                                                  |          |       |           |
|   |     |        | Bricks Bats -Basic Rate Taken From RCD                                                                                                                                                                                     | Cum      | 1     | 1041.00   |
|   |     |        | Add:Carriage Charge for Brick bats                                                                                                                                                                                         |          |       | 647.70    |
|   |     |        | Total Cost                                                                                                                                                                                                                 |          |       | 2,049.64  |
|   |     |        | NET TOTAL COST PER CUM                                                                                                                                                                                                     |          |       | 2,049.64  |
|   |     |        | SAY Rs                                                                                                                                                                                                                     |          |       | 2,049.64  |



|   |       |                                                                                                                                                                                                                                                    |                                  |     |       |          |
|---|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----|-------|----------|
| 6 | 5.7.7 | Labour for cutting 62 mm to 75 mm dia sal bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E / I.                                                                                         |                                  |     |       |          |
|   | WRD   | Unit :- Per M                                                                                                                                                                                                                                      |                                  |     |       |          |
|   |       | Taking Out put:- 30.50 Mtr                                                                                                                                                                                                                         |                                  |     |       |          |
|   |       | (Assuming 20 nos. pile sunk 1.525 mtr deep )                                                                                                                                                                                                       |                                  |     |       |          |
|   |       | (a)                                                                                                                                                                                                                                                | Labour                           |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Carpenter Gr II                  | Nos | 1.00  | 503.00   |
|   |       |                                                                                                                                                                                                                                                    | Unskilled mazdoor for piling     | Nos | 3.00  | 373.00   |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 1,622.00 |
|   |       |                                                                                                                                                                                                                                                    | Overheads @ 12%                  |     |       | -        |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 1,622.00 |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 1,622.00 |
|   |       |                                                                                                                                                                                                                                                    | Rate Per M                       |     |       | 53.18    |
| 7 | 5.7.8 | Providing fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire 3.15 mm dia or nails complete job as per specification and direction of E / I.  |                                  |     |       |          |
|   |       | Unit :- Per M2                                                                                                                                                                                                                                     |                                  |     |       |          |
|   |       | Taking Out put:- 9.30 Sqm                                                                                                                                                                                                                          |                                  |     |       |          |
|   |       | (Assuming strip of 3.05x3.05 = 9.30 sqm )                                                                                                                                                                                                          |                                  |     |       |          |
|   |       | a                                                                                                                                                                                                                                                  | Material                         |     |       |          |
|   |       | 1                                                                                                                                                                                                                                                  | 75 mm to 100mm long nail         | kg  | 0.25  | 55.84    |
|   |       | 2                                                                                                                                                                                                                                                  | Bamboo -75mm dia to 62 mm dia    |     |       | 13.96    |
|   |       |                                                                                                                                                                                                                                                    | Bamboo @ 75mm = 3050/75 = 40.67  |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Say=41Nosx3.05=125.05M           |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Add for Lower Binder of chachari |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | 10x3.75=30.50M                   |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Runner @150mmc/c=7x3.05=21.35M   |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Total length of Bamboo=176.9M    |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Total No of Bamboo=176.9/6=30No  | No  | 30    | 117.65   |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 3529.5   |
|   |       | b                                                                                                                                                                                                                                                  | Labour                           |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Carpenter Gr II                  | Nos | 1.00  | 503.00   |
|   |       |                                                                                                                                                                                                                                                    | Unskilled mazdoor for piling     | Nos | 1.00  | 373.00   |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | -        |
|   |       |                                                                                                                                                                                                                                                    | Overheads @ 12% on labour charge |     |       | 4,419.46 |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 475.21   |
|   |       |                                                                                                                                                                                                                                                    | Rate Per M2                      |     |       |          |
| 8 | 5.7.8 | Labour for fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire 3.15 mm dia or nails complete job as per specification and direction of E / I. |                                  |     |       |          |
|   | WRD   | Unit :- Per M2                                                                                                                                                                                                                                     |                                  |     |       |          |
|   |       | Taking Out put:- 9.30 Sqm                                                                                                                                                                                                                          |                                  |     |       |          |
|   |       | (Assuming strip of 3.05x3.05 = 9.30 sqm )                                                                                                                                                                                                          |                                  |     |       |          |
|   |       | (a)                                                                                                                                                                                                                                                | Material                         |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | G.I. wire 3.15 mm dia            | Kg  | 0.250 | 69.30    |
|   |       | (b)                                                                                                                                                                                                                                                | Labour                           |     |       |          |
|   |       |                                                                                                                                                                                                                                                    | Carpenter Gr II                  | Nos | 1.00  | 503.00   |
|   |       |                                                                                                                                                                                                                                                    | Unskilled mazdoor for piling     | Nos | 1.00  | 373.00   |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 893.33   |
|   |       |                                                                                                                                                                                                                                                    | Overheads @ 12%                  |     |       | -        |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 893.33   |
|   |       |                                                                                                                                                                                                                                                    |                                  |     |       | 893.33   |
|   |       |                                                                                                                                                                                                                                                    | Rate Per M2                      |     |       | 96.06    |
| 9 | 5.7.9 | Labour for fitting and fixing 62mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails complete job as per specification and direction of E / I.        |                                  |     |       |          |
|   | WRD   | Unit :- Per M                                                                                                                                                                                                                                      |                                  |     |       |          |
|   |       | Taking Out put:- 30.50 Mtr                                                                                                                                                                                                                         |                                  |     |       |          |

|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        |           |
|----|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----|------|--------|-----------|
|    |                                 | (a)                                                                                                                                                                                                                                                                             | Materials                                                              |     |      |        |           |
|    |                                 |                                                                                                                                                                                                                                                                                 | Cost of 150 mm long nails                                              | Kg  | 0.50 | 55.84  | 27.92     |
|    |                                 | (b)                                                                                                                                                                                                                                                                             | Labour                                                                 |     |      |        |           |
|    |                                 |                                                                                                                                                                                                                                                                                 | Carpenter Gr II                                                        | Nos | 0.13 | 503.00 | 65.39     |
|    |                                 |                                                                                                                                                                                                                                                                                 | Unskilled mazdoor for piling                                           | Nos | 0.25 | 373.00 | 93.25     |
|    |                                 |                                                                                                                                                                                                                                                                                 | Overheads @ 12%                                                        |     |      |        | 186.56    |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        | 186.56    |
|    |                                 |                                                                                                                                                                                                                                                                                 | Rate Per M                                                             |     |      |        | 186.56    |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        | 6.12      |
| 10 |                                 | Supplying bamboo 75 mm dia 6 m to 8 m long at complete job as per specification and direction of E / I.                                                                                                                                                                         |                                                                        |     |      |        |           |
|    |                                 | (a)                                                                                                                                                                                                                                                                             | Taking Out put:- 115 nos                                               |     |      |        |           |
|    |                                 |                                                                                                                                                                                                                                                                                 | Material                                                               |     |      |        |           |
|    |                                 |                                                                                                                                                                                                                                                                                 | Supplying bamboo 75 mm dia 6 m to                                      | Nos | 115  | 162.70 | 18,710.50 |
|    |                                 |                                                                                                                                                                                                                                                                                 | Add: Carriage Charge for                                               |     |      |        | 292.22    |
|    |                                 |                                                                                                                                                                                                                                                                                 | Add Labour for laying                                                  |     |      |        | 395.13    |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        | 19,397.85 |
|    |                                 |                                                                                                                                                                                                                                                                                 | Overheads @ 12%                                                        |     |      |        | -         |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        | 19,397.85 |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        | 19,397.85 |
|    |                                 |                                                                                                                                                                                                                                                                                 | Rate Per each Bamboo                                                   |     |      |        | 168.68    |
| 11 | 5.7.40.1                        | Labour for filling empty cement bags with local sand, stitching the bags and placing including supply of sutli etc. all complete as per approved design, specifications and direction of E/I                                                                                    |                                                                        |     |      |        |           |
|    | WRD                             | Unit :- Per % nos                                                                                                                                                                                                                                                               |                                                                        |     |      |        |           |
|    |                                 | Taking Out put:- 100 nos                                                                                                                                                                                                                                                        |                                                                        |     |      |        |           |
|    |                                 | (a)                                                                                                                                                                                                                                                                             | Supplying of Sand bags                                                 | Nos | 100  | 8.46   | 846.00    |
|    |                                 |                                                                                                                                                                                                                                                                                 | Carraige cost for Local sand (100 no. of                               | cum | 3.4  | 300.72 | 1022.45   |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      | Total  | 1868.45   |
|    |                                 | (b)                                                                                                                                                                                                                                                                             | For filling & stitching & stacking                                     |     |      |        |           |
|    |                                 |                                                                                                                                                                                                                                                                                 | (a) Unskilled mazdoor for filling sand into bags and sewing            | Nos | 2    | 373    | 746.00    |
|    |                                 |                                                                                                                                                                                                                                                                                 | (b) Sutali                                                             | Kg  | 0.5  | 19.75  | 9.88      |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      | Total  | 755.88    |
|    |                                 | (c)                                                                                                                                                                                                                                                                             | Labour rate for Carring & Placing to work site of E.C.Bags             |     |      |        |           |
|    |                                 |                                                                                                                                                                                                                                                                                 | (a) Unskilled mazdoor for carring filled bags and placing to work site | Nos | 3    | 373    | 1119.00   |
|    |                                 |                                                                                                                                                                                                                                                                                 | Total (A+B+C)=                                                         |     |      |        | 3743.32   |
|    |                                 |                                                                                                                                                                                                                                                                                 | Add overhead chrage @12%                                               |     |      |        | 0.00      |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        | 3743.32   |
|    |                                 |                                                                                                                                                                                                                                                                                 | Total Net Rs.                                                          |     |      |        | 3743.32   |
|    |                                 |                                                                                                                                                                                                                                                                                 | Rate per %                                                             |     |      |        | 37.43     |
|    |                                 |                                                                                                                                                                                                                                                                                 | Sand Each Bag                                                          |     |      | Say    | Rs 37.43  |
| 12 | 5.7.40.2<br>WRD SOR<br>Page 159 | Labour for filling empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m x 1 m x 1 m) with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I |                                                                        |     |      |        |           |
|    |                                 | Unit :- Each N.C                                                                                                                                                                                                                                                                |                                                                        |     |      |        |           |
|    |                                 | Taking Out Put = 25 nos. filled E.C. Bags in each N/C                                                                                                                                                                                                                           |                                                                        |     |      |        |           |
|    |                                 |                                                                                                                                                                                                                                                                                 | Cost of 25 nos of filled E.C.Bags (Vide item no. 5.7.40.1              | Nos | 25   | 37.43  | 935.83    |
|    |                                 |                                                                                                                                                                                                                                                                                 | Rate each                                                              |     |      |        | 935.83    |
|    |                                 |                                                                                                                                                                                                                                                                                 |                                                                        |     |      |        |           |
| 13 |                                 | Supply of Nylon Crate of size 1mx1mx1m                                                                                                                                                                                                                                          |                                                                        |     |      |        |           |
|    |                                 | Material                                                                                                                                                                                                                                                                        |                                                                        |     |      |        |           |
|    |                                 | (a)                                                                                                                                                                                                                                                                             | Nylon Crate                                                            |     |      |        | 39.85     |
|    |                                 | (b)                                                                                                                                                                                                                                                                             | Add Overhead charge @12%                                               |     |      |        | 0.00      |
|    |                                 |                                                                                                                                                                                                                                                                                 | Total (a+b)                                                            |     |      |        | 39.85     |
|    |                                 |                                                                                                                                                                                                                                                                                 | Rate per nos.                                                          |     |      |        | 39.85     |

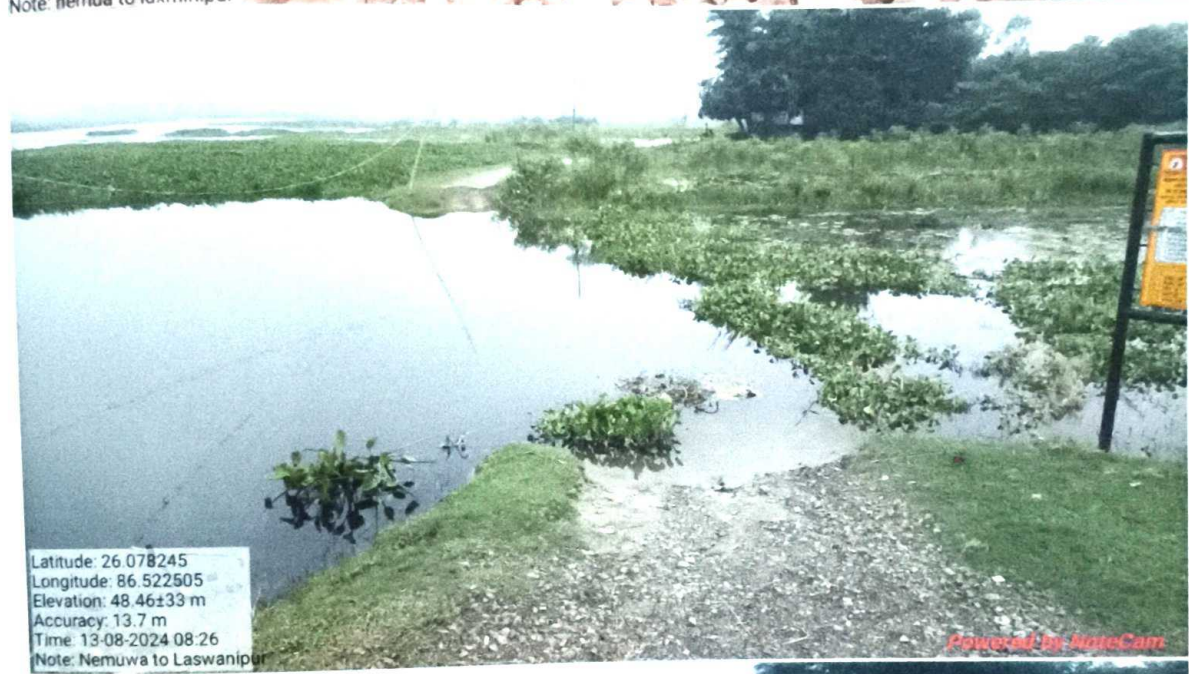


|    |      |                                                                              |     |      |        |         |  |
|----|------|------------------------------------------------------------------------------|-----|------|--------|---------|--|
| 14 | 11.2 | Sand filling in Foundation Trenches as per Drawing & Technical Specification |     |      |        |         |  |
|    |      | Unit = Per Cum                                                               |     |      |        |         |  |
|    | a    | Material                                                                     |     |      |        |         |  |
|    |      | Sand(assuming 20 percent voids)                                              |     |      |        |         |  |
|    |      |                                                                              | cum | 1.20 | 143.32 | 171.98  |  |
|    | b    | Labour                                                                       |     |      |        |         |  |
|    |      | Mate                                                                         |     |      |        |         |  |
|    |      |                                                                              | day | 0.01 | 397.00 | 3.97    |  |
|    |      | Mazdoor(Unskilled)                                                           |     |      |        |         |  |
|    |      |                                                                              | day | 0.3  | 373.00 | 111.90  |  |
|    |      |                                                                              |     |      |        | 287.85  |  |
|    |      | Add overhead chrage @12%                                                     |     |      |        |         |  |
|    |      |                                                                              |     |      |        | 0       |  |
|    |      |                                                                              |     |      |        | 287.854 |  |
|    |      | total=                                                                       |     |      |        |         |  |
|    |      |                                                                              |     |      |        | 287.85  |  |
|    |      | Carraige cost for Local sand                                                 |     |      |        |         |  |
|    |      |                                                                              |     |      |        | 292.22  |  |
|    |      | Rate per cum                                                                 |     |      |        |         |  |
|    |      |                                                                              |     |      |        | 580.07  |  |



Latitude: 26.078408  
 Longitude: 86.522331  
 Elevation: 57.76±54 m  
 Accuracy: 7.7 m  
 Time: 10-26-2024 16:34  
 Note: nemua to laxminipur

Powered by NoteCam



Latitude: 26.078245  
 Longitude: 86.522505  
 Elevation: 48.46±33 m  
 Accuracy: 13.7 m  
 Time: 13-08-2024 08:26  
 Note: Nemuwa to Laswanipur

Powered by NoteCam



Latitude: 26.078369  
 Longitude: 86.522363  
 Altitude: -5.1±100 m  
 Accuracy: 7.8 m  
 Time: 10-26-2024 16:36  
 Note: nemua to laxminipur

Powered by NoteCam

09-11-2024  
 T.S

09-11-2024  
 AB

Executive Engineer  
 R.W.D. W.D., Supaul





Latitude: 26.07869  
Longitude: 86.522325  
Altitude: -3.4±67 m  
Accuracy: 7.3 m  
Time: 10-26-2024 16:33  
Note: nemua to laxminipur

Powered by MateCam



Latitude: 26.07814  
Longitude: 86.522469  
Elevation: 34.56±30 m  
Accuracy: 7.5 m  
Time: 09-11-2024 11:03  
Note: Nemua Se Laxminipur

Powered by MateCam

Sholay  
T.S.  
09-11-2024

Sh  
09-11-2024  
AB

D. G. M. M.  
Executive Engineer  
R.W.D. W.D.