

## Index of Road

NAME OF ROAD :- Bhupendr Mehta Basa Ganeshpur To Bhagwanpur Diyara  
PMGSY.

DISTRICT :- Madhepura

BLOCK :- Puraini

Head :- F.D.R.

Year :- 2020-21

TOTAL COST OF PAVEMENT :-

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FDR RESTORATION WORK  
YEAR (2020-21)

GENERAL ABSTRACT OF COST

|                |                                                           |            |           |
|----------------|-----------------------------------------------------------|------------|-----------|
| BLOCK :-       | Puraini                                                   | DISTRICT:- | Madhepura |
| Name of Road:- | Bhupendra Mehta Basa Ganeshpur To Bhagwanpur Diyara PMGSY |            |           |

| S.No. | Description of Items      |     | Amounts           |
|-------|---------------------------|-----|-------------------|
| A     | TOTAL COST OF RESTORATION | Rs. | 914043.19         |
| B     | Add @12% GST              | Rs. | 109685.18         |
| C     | Add @1% Labour Cess       | Rs. | 9140.43           |
|       | Total (A+B+C)             | Rs. | 1032868.80        |
|       | Say                       | Rs. | <b>1032869.00</b> |

*[Signature]*  
22/11/2020  
J.E.

RWD (W) Division, Udakishanganj

*[Signature]*  
22/11/2020  
A.E.

RWD (W)  
Division, Udakishanganj

*[Signature]*  
22/11/2020  
E.E.

RWD (W) Division, Udakishanganj

*Technically approved for Rs 1032800.00 (Ten lakh thirty two thousand  
Eight hundred only)*

*[Signature]*  
15/12/21  
Superintending Engineer  
Rural Works Department  
Works Circle Madhepura

# Details of Measurement

| कार्य का ब्यौरा<br>Deatail of Work |                                                                                          | संख्या<br>No.                                             | पैगईस           |                 |       | मात्रा<br>Quantity |
|------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------|-----------------|-------|--------------------|
|                                    |                                                                                          |                                                           | लम्बाई<br>in m. | चौड़ाई<br>In m. | In m. |                    |
| NAME OF WORKS :-                   |                                                                                          | Bhupendra Mehta Basa Ganeshpur To Bhagwanpur Diyara PMGSY |                 |                 |       |                    |
| Item No. 1                         | Sand Filling in ditch & breach portion of road as per Drawing & Technical Specification. |                                                           |                 |                 |       |                    |
|                                    |                                                                                          | 0                                                         | 7               | 4.5             | 0.90  | 0.000              |
|                                    |                                                                                          |                                                           | Total (in Cum)  |                 |       | 0.000              |
| Item No. 2 :                       | Laying Brick Bat....                                                                     |                                                           |                 |                 |       |                    |
|                                    | Ch--in 1st Km.                                                                           | 1                                                         | 10              | 2.00            | 0.30  | 6.000              |
|                                    |                                                                                          | 1                                                         | 15              | 3.75            | 0.40  | 22.500             |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.35  | 0.088              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.35  | 0.088              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.30  | 0.075              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.45  | 0.113              |
|                                    |                                                                                          | 1                                                         | 3               | 0.50            | 0.30  | 0.450              |
|                                    |                                                                                          | 1                                                         | 2.5             | 0.50            | 0.25  | 0.313              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.40            | 0.25  | 0.050              |
|                                    |                                                                                          | 1                                                         | 12              | 3.75            | 0.30  | 13.500             |
|                                    |                                                                                          | 1                                                         | 5               | 2.00            | 0.35  | 3.500              |
|                                    |                                                                                          | 1                                                         | 1               | 1.00            | 0.30  | 0.300              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.45  | 0.113              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.30  | 0.075              |
|                                    |                                                                                          | 1                                                         | 7               | 1.50            | 0.30  | 3.150              |
|                                    |                                                                                          | 1                                                         | 1               | 1.00            | 0.35  | 0.350              |
|                                    |                                                                                          | 1                                                         | 4               | 2.00            | 0.25  | 2.000              |
|                                    |                                                                                          | 1                                                         | 1               | 2.00            | 0.30  | 0.600              |
|                                    |                                                                                          | 1                                                         | 1               | 1.00            | 0.40  | 0.400              |
|                                    |                                                                                          | 1                                                         | 3               | 2.00            | 0.45  | 2.700              |
|                                    |                                                                                          | 1                                                         | 0.5             | 1.00            | 0.30  | 0.150              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.25  | 0.063              |
|                                    |                                                                                          | 1                                                         | 1.5             | 3.75            | 0.30  | 1.688              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.40  | 0.100              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.40  | 0.100              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.35  | 0.088              |
|                                    |                                                                                          | 1                                                         | 0.4             | 0.50            | 0.35  | 0.070              |
|                                    |                                                                                          | 1                                                         | 8               | 2.50            | 0.40  | 8.000              |
|                                    |                                                                                          | 1                                                         | 1               | 1.00            | 0.35  | 0.350              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.40            | 0.40  | 0.080              |
|                                    |                                                                                          | 1                                                         | 2               | 0.60            | 0.35  | 0.420              |
|                                    |                                                                                          | 1                                                         | 8               | 2.50            | 0.35  | 7.000              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.40  | 0.100              |
|                                    |                                                                                          | 1                                                         | 2               | 0.50            | 0.30  | 0.300              |
|                                    |                                                                                          | 1                                                         | 15              | 1.50            | 0.35  | 7.875              |
|                                    |                                                                                          | 1                                                         | 3.5             | 1.50            | 0.25  | 1.313              |
|                                    |                                                                                          | 1                                                         | 10              | 1.00            | 0.30  | 3.000              |
|                                    |                                                                                          | 1                                                         | 12              | 2.20            | 0.40  | 10.560             |
|                                    |                                                                                          | 1                                                         | 2               | 0.50            | 0.35  | 0.350              |
|                                    |                                                                                          | 1                                                         | 4               | 0.50            | 0.30  | 0.600              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.35  | 0.088              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.45  | 0.113              |
|                                    |                                                                                          | 1                                                         | 0.5             | 0.50            | 0.30  | 0.600              |
|                                    |                                                                                          | 1                                                         | 4               | 0.50            | 0.45  | 0.450              |
|                                    |                                                                                          | 1                                                         | 1               | 1.00            | 0.30  | 0.300              |
|                                    |                                                                                          | 1                                                         | 1               | 1.00            | 0.45  | 0.450              |
|                                    |                                                                                          | 1                                                         | 1               | 1.00            | 0.45  | 0.450              |

|                |                                                                                                                                                                                                                                 |     |      |                 |         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|-----------------|---------|
|                | 1                                                                                                                                                                                                                               | 2   |      |                 |         |
|                | 4                                                                                                                                                                                                                               | 20  | 1.00 | 0.35            | 0.700   |
|                | 1                                                                                                                                                                                                                               | 5   | 1.50 | 0.40            | 48.000  |
|                | 1                                                                                                                                                                                                                               | 10  | 1.50 | 0.45            | 3.375   |
|                | 3                                                                                                                                                                                                                               | 18  | 2.50 | 0.35            | 8.750   |
|                | 1                                                                                                                                                                                                                               | 18  | 2.50 | 0.40            | 54.000  |
|                | 1                                                                                                                                                                                                                               | 5   | 2.00 | 0.45            | 4.500   |
|                | 1                                                                                                                                                                                                                               | 8   | 1.50 | 0.40            | 4.800   |
|                | 1                                                                                                                                                                                                                               | 40  | 2.50 | 0.35            | 35.000  |
|                | 1                                                                                                                                                                                                                               | 15  | 1.50 | 0.35            | 7.875   |
|                | 1                                                                                                                                                                                                                               | 0.6 | 0.50 | 0.45            | 0.135   |
|                | 1                                                                                                                                                                                                                               | 14  | 1.00 | 0.30            | 4.200   |
|                | 5                                                                                                                                                                                                                               | 10  | 1.00 | 0.40            | 20.000  |
|                | 2                                                                                                                                                                                                                               | 12  | 1.50 | 0.25            | 9.000   |
|                | 1                                                                                                                                                                                                                               | 6   | 2.50 | 0.35            | 5.250   |
|                | 1                                                                                                                                                                                                                               | 5   | 1.50 | 0.45            | 3.375   |
|                | 1                                                                                                                                                                                                                               | 20  | 3.00 | 0.35            | 21.000  |
|                | 1                                                                                                                                                                                                                               | 7   | 1.00 | 0.35            | 2.450   |
|                | 1                                                                                                                                                                                                                               | 12  | 1.00 | 0.40            | 4.800   |
|                | 1                                                                                                                                                                                                                               | 8   | 0.70 | 0.45            | 2.520   |
|                | 1                                                                                                                                                                                                                               | 1   | 0.50 | 0.30            | 0.150   |
|                | 1                                                                                                                                                                                                                               | 6   | 4.00 | 0.35            | 8.400   |
|                | 1                                                                                                                                                                                                                               | 10  | 0.70 | 0.45            | 3.150   |
|                | 1                                                                                                                                                                                                                               | 15  | 3.75 | 0.30            | 16.875  |
|                | 1                                                                                                                                                                                                                               | 2   | 1.00 | 0.25            | 0.500   |
|                | 3                                                                                                                                                                                                                               | 5   | 0.50 | 0.35            | 2.625   |
|                | 1                                                                                                                                                                                                                               | 8   | 3.75 | 0.40            | 12.000  |
|                | 1                                                                                                                                                                                                                               | 12  | 3.75 | 0.45            | 20.250  |
|                | 1                                                                                                                                                                                                                               | 5   | 2.50 | 0.35            | 4.375   |
|                | 1                                                                                                                                                                                                                               | 10  | 2.50 | 0.50            | 12.500  |
|                | 1                                                                                                                                                                                                                               | 12  | 3.00 | 0.40            | 14.400  |
|                | 1                                                                                                                                                                                                                               | 9   | 0.50 | 0.35            | 1.575   |
|                | 1                                                                                                                                                                                                                               | 6   | 3.75 | 0.40            | 9.000   |
|                | 1                                                                                                                                                                                                                               | 8   | 0.50 | 0.35            | 1.400   |
|                | 1                                                                                                                                                                                                                               | 20  | 4.00 | 0.50            | 40.000  |
| Total (in Cum) |                                                                                                                                                                                                                                 |     |      |                 | 487.498 |
| Item No. 3     | Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I                                                                              |     |      |                 |         |
|                | Ch--in 2nd Km.                                                                                                                                                                                                                  | 0   |      | 1.25            | 0.000   |
|                |                                                                                                                                                                                                                                 | 0   |      | 1.25            | 0.000   |
|                | For Bamboo pilling 1.25m                                                                                                                                                                                                        |     |      | Total (in m)    | 0.000   |
|                | Total length of Bamboo pilling( in m)=1.25m pilling length/1.25x3                                                                                                                                                               |     |      |                 | 0.00    |
| Item No. 5     | Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole 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 |     |      |                 |         |
|                | Ch--in 2nd Km.                                                                                                                                                                                                                  | 0   | 5    |                 | 0.00    |
|                |                                                                                                                                                                                                                                 | 0   | 4    |                 | 0.00    |
|                |                                                                                                                                                                                                                                 | 0   | 6    |                 | 0.00    |
|                |                                                                                                                                                                                                                                 | 0   | 5    |                 | 0.00    |
|                |                                                                                                                                                                                                                                 |     |      | Total (in m)    | 0.00    |
| Item No. 6     | Supply of Bamboo at site.                                                                                                                                                                                                       |     |      |                 |         |
|                |                                                                                                                                                                                                                                 |     |      | Total (in m)    | 0.00    |
|                | 1Nos. Bamboo=6m.                                                                                                                                                                                                                |     |      | Total (in nos.) | 0.00    |
|                |                                                                                                                                                                                                                                 |     |      |                 | 0.00    |
| Item No. 7     | Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I                             |     |      |                 |         |
|                |                                                                                                                                                                                                                                 | 0   | 10   |                 | 0.00    |
|                |                                                                                                                                                                                                                                 | 0   | 10   |                 | 0.00    |
|                |                                                                                                                                                                                                                                 |     |      | Total (in nos.) | 0.00    |

22/11/2020  
S. E.

AK  
22/11/2020  
AS

22/11/2020

## Schedule of Quantity

NAME OF WORKS :- Bhupendra Mehta Basa Ganeshpur To Bhagwanpur  
Diyara PMGSY

BLOCK Puraini

| S.No | SOR NO   | DESCRIPTION                                                                                                                                                                                                                                | QTY    | UNIT | RATE    | AMOUNT    |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|---------|-----------|
| 1    | 12.3     | Sand Filling in Foundation Trenches as per Drawing & Technical Specification.                                                                                                                                                              | 0.00   | Cum  | 535.35  | 0.00      |
| 2    | A/R      | Providing & laying Brick Bat....                                                                                                                                                                                                           |        |      |         |           |
|      |          | Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge. | 487.50 | Cum  | 1874.97 | 914043.19 |
| 3    | 5.7.7    | Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I                                                                                         | 0.00   | m    | 41.91   | 0.00      |
| 4    | 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 or nails complete job as per specification and direction of E/I         | 0.00   | sqm  | 626.41  | 0.00      |
| 5    | 5.7.9    | Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole 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            | 0.00   | m    | 5.06    | 0.00      |
| 6    |          | Supply of Bamboo at site.                                                                                                                                                                                                                  | 0.00   | nos. | 155.65  | 0.00      |
| 7    | 5.7.40.1 | Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I                                        | 0.00   | Each | 34.75   | 0.00      |
| 8    |          | Supply of Nylon Crate of size 1mx1mx1m at site.                                                                                                                                                                                            | 0.00   | Each | 42.20   | 0.00      |
|      |          | Total                                                                                                                                                                                                                                      |        |      | Rs.     | 914043.19 |

*Shrey*  
22/11/2020  
JE

*AK*  
22/11/2020  
AE

*EE*  
22/11/2020  
EE

### Analysis for Carriage by Road

Name of Road:- Bhupendra Mehta Basa Ganeshpur to Bhagwanpur Diyara pmsy.

Block :- puraini

District:- Madhepura

| Sl No | Item       | Unit | Source | Carriage Cost & Lead in Km |   |       |   |         |                   |           |                          |   |         | Loading & Unloading Cost | Carriage Cost by Rail Head | Total * |          |           |  |           |
|-------|------------|------|--------|----------------------------|---|-------|---|---------|-------------------|-----------|--------------------------|---|---------|--------------------------|----------------------------|---------|----------|-----------|--|-----------|
|       |            |      |        | Pukka / Surface            |   |       |   |         | Kuchcha / Surface |           |                          |   |         |                          |                            |         |          |           |  |           |
| 1     | Brick Bats | Nos  | Local  | <div>3.60<br/>2.25</div>   | x | 18.58 | x | 5.00 Km | =                 | Rs 148.64 | <div>3.60<br/>2.25</div> | x | 29.03   | x                        | 2.00 Km                    | =       | Rs 92.90 | Rs 184.38 |  | Rs 425.92 |
| 2     | Local Sand | cum  | Local  | <div>3.60<br/>2.25</div>   | x | 18.58 | x | 2.00 Km | =                 | Rs 59.46  | <div>3.60<br/>2.25</div> | x | 29.03   | x                        | 1.00 Km                    | =       | Rs 46.45 | Rs 184.38 |  | Rs 290.29 |
| 3     | Bamboo     | Nos  | Local  | <div>3.60<br/>2.25</div>   | x | 18.58 | x | 2.00 Km | =                 | Rs 59.46  | <div>3.60<br/>2.25</div> | x | 29.0305 | x                        | 1.00 Km                    | =       | Rs 46.53 | Rs 184.38 |  | Rs 290.37 |

Cost of Haulage Excluding Loading & Unloading as per SOR

\* Subjected to Verification of Lead

| Type of Road          | Per Ton. Km by Tractor |
|-----------------------|------------------------|
| For Surface Road      | 18.58                  |
| Unsurface Gravel Road | 23.21                  |
| Kachha Road           | 29.03                  |

*[Signature]*  
22/11/2020  
Junior Engineer

*[Signature]*  
22/11/2020  
Asstt. Engineer

*[Signature]*  
Executive Engineer  
RWD (W) Division, Udakishanganj