



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



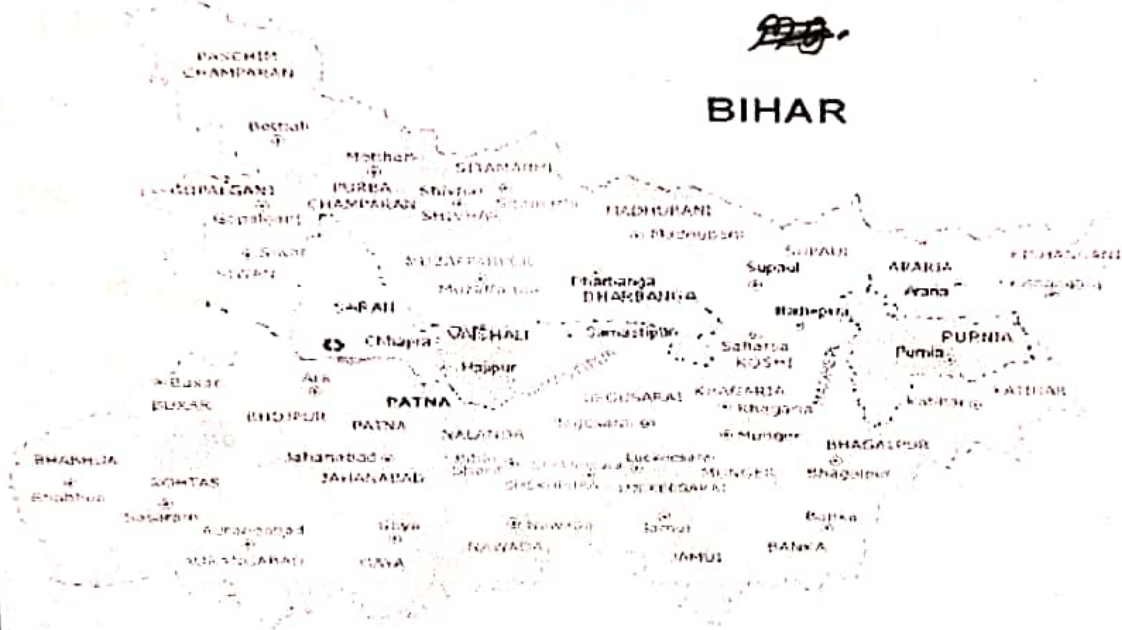
## BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)  
Govt. of Bihar

FDR

19

YEAR -2021-2022



Name of the Road :-

MBND - 3098

RESTORATION OF ROAD FROM L054 KALAPAHAR ROAD NIMAJODH UNDR FDR 2021-2022

Leafh-150

|                             |   |            |     |
|-----------------------------|---|------------|-----|
| DISTRICT                    | : | AURANGABAD |     |
| DIVISION                    | : | AURANGABAD |     |
| BLOCK                       | : | NABINAGAR  |     |
| TOTAL COST OF CONSTRUCTION  | : | 2.163.930  | Lac |
| TOTAL COST OF PROJECT       | : | 2.163.930  | Lac |
| SUBMITTED BY:-              |   |            |     |
| EXECUTIVE ENGINEER          |   |            |     |
| RWD (W) DIVISION AURANGABAD |   |            |     |
| AURANGABAD                  |   |            |     |

बाह्य क्षतिग्रस्त पथों का अन्तर प्रमंडलीय जाँच प्रतिवेदन हेतु प्रपत्र।

1. निरीक्षी पदाधिकारी का नाम एवं पदनाम :- *डा. राजेश कुमार, ज.म.पा.क.ड.ओ.म.क.ड.*
2. निरीक्षण की तिथि :- *शुक्रवार, 10.10.21*
3. पथ का नाम (शीर्ष के साथ) :- *कासा पट्टार पथ से तिलाजोई।*
4. पथ की लम्बाई :- *1.00 Km.*
5. कार्य प्रमंडल का नाम :- *श्री.जी.एम. विभाग, ज.म.पा.क.ड.ओ.म.क.ड.*
6. प्रखंड का नाम :- *नवीनगर*
7. पथ की स्थिति :- *पूर्ण / On going*
8. पथ अनुरक्षण अवधि में है :- *(Yes/No) - No*
9. क्षतिग्रस्त भाग की लम्बाई :- *15.00 m*
10. क्षतिग्रस्त भाग में कराये गये कार्य का विवरणी :- *M.P. - 1000g, 3 x 2.50 m = 7.50 m*  
*Sand filling 15.10 x 6.00 x 1.20 m*  
*Brick bats 15 x 6.10 x 1.00 m*

Temporary Restoration में किस-किस :- *hacerb 5m, 1000 g M.P. & N.P.*  
 समाग्रियों का उपयोग किया गया है, *2 brick bats with company*  
 उसका विवरणी *traveller*

निष्कर्ष :- *Road has been found*  
*satisfactory.*

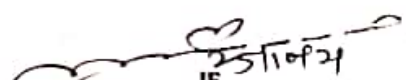
*10.10.21*  
 निरीक्षी पदाधिकारी का हस्ताक्षर  
 पदनाम सहित

## SUMMARY OF COST ESTIMATE FOR THE PROJECT

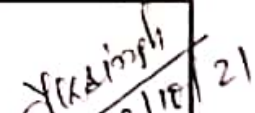
PACKAGE NO. \_\_\_\_\_  
 NAME OF ROAD : RESTORATION OF ROAD FROM L054 KALAPAHAR ROAD  
 NIMAJODH UNDA FDR 2021-2022  
 DISTRICT AURANGABAD  
 BLOCK NABINAGAR  
 DIVISION AURANGABAD  
 LENGTH OF ROAD (In Km) 0.000  
 LENGTH OF BT PAVEMENT 0  
 LENGTH OF CC PAVEMENT 0  
 CD STRUCTURES  
 HUME PIPE 0  
 RCC CULVERT 0  
 BOX CELL CULVERT 0  
 CAUSEWAY / MINOR BRIDGE 0

| Sl. No.                         | DESCRIPTION         | AMOUNT (LAKHS)     |
|---------------------------------|---------------------|--------------------|
| 1                               | SEND FILING         | 57517 -59477.160   |
| 2                               | BRICK BATS          | 157259 223200.636  |
| 3                               | HP Pipe NP3         | 42988 42988.000    |
| 4                               | EC bag              | 0.000              |
| 5                               | Traffic Signs board | 11815.718          |
| TOTAL                           |                     | 267577 -337482.113 |
| ADD GST @ 12 %                  |                     | 32347 40497.854    |
| ADD LABOUR CESS @ 1 %           |                     | 2696 3374.821      |
| Add Seigniorage for 10 %        |                     | 304624             |
| TOTAL COST OF PROJECT IN LACS = |                     | 381354.788         |

2.197  
 0.264  
 0.023  
 0.116  
 2.600  
 62

  
 JE  
 RWD

  
 28/10/21  
 AE  
 RWD

  
 28/10/21  
 EE  
 RWD

Technically approved for Rs. 2.60 lakh  
 Rupees 2.60 Crore Two lakh  
 Sixty thousand Zero hundred

Technically Sanctioned for Rs. 2.60 lakh  
 Rupees 2.60 Crore Two lakh  
 Sixty thousand Zero hundred

  
 S.E.  
 R.W.D (W) Circle  
 Aurangabad  
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| Sl. No.                                                         | Item No. | Description                                                                                                                                                                                                                                                                                                                                                                                                              | Unit                                                                                                                                                                                                                                                                                                       | QOS  | LENGTH | WIDTH | HEIGHT | QUANTITY | RATE    | AMOUNT (in Rs.) |
|-----------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|-------|--------|----------|---------|-----------------|
| <b>SUB HEAD: PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING</b> |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                            |      |        |       |        |          |         |                 |
| 1                                                               | 11.2     | 300.81<br>200                                                                                                                                                                                                                                                                                                                                                                                                            | Sand Filling in foundation trenches as per drawing and technical specification Clause 305.3.9                                                                                                                                                                                                              |      |        |       |        |          |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | Cum                                                                                                                                                                                                                                                                                                        | 1.00 | 15.00  | 6.000 | 1.20   | 108.00   |         |                 |
|                                                                 |          | Less for pipe                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                            | 0.50 | 0.75   | 1.513 | 15.000 | 3.56     | 501.55  | 523.82=0        |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                            |      |        |       | 6.20   | 104.49   |         | 57.513          |
| 1                                                               | 401      | BRICK BATS                                                                                                                                                                                                                                                                                                                                                                                                               | Providing and filling brick bats in ditches including cost of brick bats and labour all complete job as per specification and direction of E/I.                                                                                                                                                            |      |        |       |        |          |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | Cum                                                                                                                                                                                                                                                                                                        | 1.00 | 15.00  | 5.750 | 1.20   | 129.38   |         |                 |
|                                                                 |          | Less for pipe                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                            | 0.50 | 0.75   | 1.513 | 15.000 | 3.56     | 498.60  | 1572.57         |
| 2                                                               | 93       | 1100                                                                                                                                                                                                                                                                                                                                                                                                                     | Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row 1000 MM                                                                                                                                                                                                               |      |        |       |        |          |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106. |      |        |       |        |          |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | M                                                                                                                                                                                                                                                                                                          | 1.00 | 3.00   | 2.500 |        | 7.50     | 1498.60 | 1,24,129=0      |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | M                                                                                                                                                                                                                                                                                                          | 0.00 | 2.00   | 2.500 |        | 0.00     | 5763.58 | 43,227=00       |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                            |      |        |       |        | 7.50     | 5731.67 | 42,988.00       |
| 1                                                               | 5.1      | 502                                                                                                                                                                                                                                                                                                                                                                                                                      | Providing, Supplying and laying Empty Cement bags including filling, stacking, laying and placing at worksite all complete job as per specification and direction of E/I.                                                                                                                                  |      |        |       |        |          |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | cum                                                                                                                                                                                                                                                                                                        | 0.00 | 4.00   | 1.600 | 2.10   | 0.00     |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | cum                                                                                                                                                                                                                                                                                                        | 0.00 | 12.00  | 4.000 | 2.00   | 0.00     |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | cum                                                                                                                                                                                                                                                                                                        | 0.00 | 4.00   | 3.000 | 2.00   | 0.00     |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | cum                                                                                                                                                                                                                                                                                                        | 0.00 | 5.00   | 3.000 | 2.50   | 0.00     |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                            |      |        |       |        | 0.00     |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          | no of bag                                                                                                                                                                                                                                                                                                  |      |        |       |        | 0.023    |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                            |      |        |       |        | 0.00     | 0.00    |                 |
| 5                                                               | 10.2     | Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC.67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly 800 mm x 600 mm rectangular concrete 450 mm x 450 mm x 600 mm below ground level |                                                                                                                                                                                                                                                                                                            |      |        |       |        |          |         |                 |
|                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                            |      |        |       |        | 2.00     | 5907.86 | 11,815.72       |

25/10/21  
JE  
RWD

28/10/21  
AE  
RWD

28/10/21  
EE  
RWD

28.289,011=00  
219738  
2.197