

**कार्यपालक अभियन्ता का कार्यालय**  
**ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढ़ी।**

Email ID- ee.masaurhi.rwd@gmail.com

Mobile No.-8986915076

पत्रांक...1076(अनु०)

/ मसौढ़ी, दिनांक...18/07/2024

प्रेषक,

ई० राकेश कुमार  
कार्यपालक अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल, मसौढ़ी।

सेवा में

नोडल पदाधिकारी,  
**MIS**  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

विषय:- Agreement Length एवं Physical Length सुधारने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि NEW MR के Agreement Details Module में Road Name- CHAMARCHAKIYA-KDR (BR-26R-213), Project Id:- 10100402018, Batch No:- RM/PA/MAS/23/0011 का Agreement Length-6.800 KM एवं Physical Progress Entry में Initial Rectification Length-6.800 km सुधार करने की कृपा की जाए।

| Sl No. | Road Name                      | As per MIS Agreement Length (In km) | As per MIS Initial Rectification Length (In km) | Actual Agreement Length (In km) | Actual Initial Rectification Length (In km) |
|--------|--------------------------------|-------------------------------------|-------------------------------------------------|---------------------------------|---------------------------------------------|
| 1      | Chamarchakiya-KDR (BR-26R-213) | 7.450                               | 7.450                                           | 6.800                           | 6.800                                       |

अनु०:- DPR की छायाप्रति।

विश्वासभाजन

18/07/24

(ई० राकेश कुमार)

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढ़ी।

208  
18/07/24



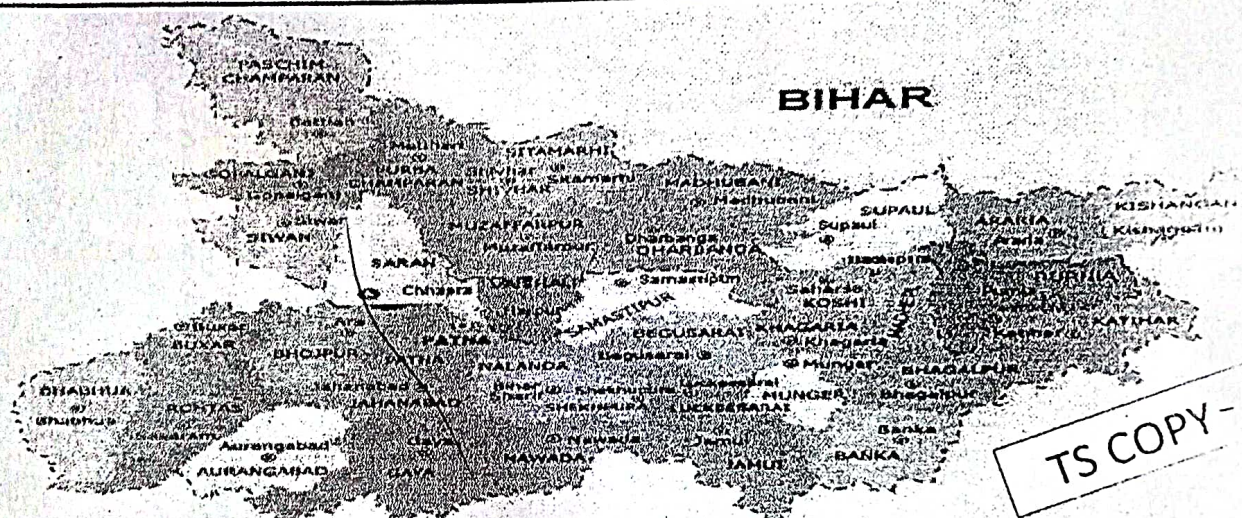


# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

2023-24

## DETAILED PROJECT REPORT FOR MAINTENANCE OF ROAD



PROJECT ID :- 10100402018

T05 To Chamranchakiya To KDR Via Ufraula Path

|                                                              |    |          |     |
|--------------------------------------------------------------|----|----------|-----|
| DISTRICT                                                     | :- | Patna    |     |
| DIVISION                                                     | :- | Masaurhi |     |
| BLOCK                                                        | :- | Punpun   |     |
| TOTAL LENGTH OF ROAD                                         | :- | 7.950    | KM  |
| TOTAL LENGTH OF CONSTRUCTION                                 | :- | 6.800    | KM  |
| PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL | :- | 292.043  | Lac |
| AVERAGE COST PER KM                                          | :- | 36.735   | Lac |
| PART-B TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE             | :- | 70.795   | Lac |
| COST OF EMERGENT REPAIR (10%) IN LAKHS                       | :- | 29.204   | Lac |
| Contingency 1% On Construction Cost                          | :- | 2.920    | Lac |
| TOTAL COST OF PROJECT                                        | :- | 394.963  | Lac |



## M/R UNDER 3054

### GENERAL ABSTRACT OF COST

Block:- Punpun

District:- Patna

Length of Road:- 6.800 KM

Name of Road:- T05 To Chamrchakiya To KDR Via Ufraula Path

| SL. No. | Item of Work                            | Amount                 |
|---------|-----------------------------------------|------------------------|
| A       | TOTAL COST OF CONSTRUCTION              | 244.95624284 Lacs      |
|         | CONSTRUCTION ADD LABOUR CESS 1 % ON (A) | : 2.449 2.443 Lacs     |
|         | CONSTRUCTION ADD GST 18 % ON (A)        | : 44.092 43.971 Lacs   |
|         | CONSTRUCTION ADD SEIGNIORAGE AMOUNT     | : 1.345 Lacs           |
|         | Total Construction Cost (A)             | : 292.842 292.043 Lacs |
| B       | FIVE YEAR MAINTENANCE COST              | 59.444 59.400 Lacs     |
|         | MAINTENANCE ADD LABOUR CESS 1 % ON (B)  | : 0.584 0.594 Lacs     |
|         | MAINTENANCE ADD GST 18 % ON (B)         | : 10.820 10.693 Lacs   |
|         | MAINTENANCE ADD SEIGNIORAGE AMOUNT      | : 0.102 Lacs           |
|         | Total Maintenance Cost (A)              | : 69.65 70.795 Lacs    |
| C       | Contingency 1% On Construction Cost     | 2.920 Lacs             |
|         | TOTAL (A+B+C)                           | : 365.759 Lacs         |
| D       | COST OF EMERGENT REPAIR (10%) IN LAKHS  | 36.575 36.575 Lacs     |
|         | TOTAL COST OF PROJECT (C+D)             | 368.434 368.434 Lacs   |

Junior Engineer

Asstt. Engineer

Executive Engineer

Estimator

SE  
RWD

Supervisor



# **GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD**

NAME OF ROAD : T05 To Chamrkhakiya To KDR Via Ufraula Path  
DISTRICT Patna  
BLOCK Punpun  
DIVISION Masaurhi  
LENGTH OF ROAD (In Km) (working) 6.800  
LENGTH OF BT PAVEMENT 4.460  
LENGTH OF CC PAVEMENT 2.340  
CD STRUCTURES  
HUME PIPE 3  
CROSS DRAINAGE 10  
BOX CELL CULVERT 0  
CAUSEWAY / MINOR BRIDGE 0

AD Length -- 7.450 km

| Sl. No. | DESCRIPTION                                                                                                 | Amount  | 1% Labour Cost | 18% GST | 1% Labour Cess & 18% GST AMOUNT (LAKHS) |
|---------|-------------------------------------------------------------------------------------------------------------|---------|----------------|---------|-----------------------------------------|
| PART-A  | INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL                                                             |         |                |         | 1.628                                   |
| 1       | PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING                                                              | 1.368   | 0.014          | 0.246   | 1.628                                   |
| 2       | EARTHWORK                                                                                                   | 8.851   | 0.089          | 1.593   | 10.533                                  |
| 3       | GSB GR-II                                                                                                   | 7.530   | 0.075          | 1.355   | 8.961                                   |
| 4       | WBM GRADE II                                                                                                | 11.997  | 0.120          | 2.159   | 14.276                                  |
| 5       | WBM GRADE III                                                                                               | 21.315  | 0.213          | 3.837   | 25.365                                  |
| 6       | PRIME COAT                                                                                                  | 2.678   | 0.027          | 0.482   | 3.187                                   |
| 7       | MSS                                                                                                         | 12.105  | 0.121          | 2.179   | 14.405                                  |
| 8       | TACK COAT                                                                                                   | 3.739   | 0.037          | 0.673   | 4.450                                   |
| 9       | BM                                                                                                          | 0.000   | 0.000          | 0.000   | 0.000                                   |
| 9       | SDRC                                                                                                        | 57.297  | 0.573          | 10.313  | 68.183                                  |
| 10      | CC PAVEMENT                                                                                                 | 84.365  | 0.844          | 15.186  | 100.394                                 |
| 11      | DRAIN                                                                                                       | 0.000   | 0.000          | 0.000   | 0.000                                   |
| 12      | PROTECTION WORK                                                                                             | 5.082   | 0.051          | 0.915   | 6.047                                   |
| 13      | ROAD FURNITURES, KM STONES, TRAFFIC & DIRECTION SIGN, MAINTENANCE BOARD, ROAD SAFETY & PLANTATION OF TREES. | 24.196  | 0.242          | 4.355   | 28.793                                  |
| 14      | CROSS DRAINAGE                                                                                              | 3.763   | 0.038          | 0.677   | 4.478                                   |
|         | Total Construction Seigniorage Fee                                                                          |         |                |         | 1.345                                   |
|         | SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL                                                | 244.284 | 2.443          | 43.971  | 292.043                                 |
|         | COST OF EMERGENT REPAIR (10%) IN LAKHS                                                                      |         |                |         | 29.204                                  |
|         | AVERAGE COST PER KM (IN LACS) =                                                                             | 35.924  | 0.359          | 6.466   | 42.948                                  |
| PART-B  | 5 YEAR ORDINARY MAINTENANCE COST                                                                            |         |                |         |                                         |
|         | I st Year                                                                                                   | 3.82    | 0.038          | 0.688   | 4.545                                   |
|         | II nd Year                                                                                                  | 10.56   | 0.106          | 1.902   | 12.572                                  |
|         | III rd Year                                                                                                 | 21.86   | 0.219          | 3.935   | 26.012                                  |
|         | IV th Year                                                                                                  | 11.79   | 0.118          | 2.122   | 14.029                                  |
|         | V th Year                                                                                                   | 11.37   | 0.114          | 2.047   | 13.534                                  |
|         | SUB TOTAL OF 5 YEAR ORDINARY MAINTENANCE COST =                                                             | 59.406  | 0.594          | 10.693  | 70.693                                  |
|         | TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE PER MONTH (IN LACS)                                               | 0.990   | 0.010          | 0.178   | 1.178                                   |
|         | Total Maintenance Seigniorage Fee                                                                           |         |                |         | 0.102                                   |
|         | Contingency 1% On Construction Cost =                                                                       |         |                |         | 2.920                                   |
|         | TOTAL COST OF PROJECT IN LACS =                                                                             | 303.690 | 3.037          | 54.664  | 394.963                                 |

NRB  
26/5/23  
RWD

AE  
26/5/23  
RWD

EE  
26/5/23  
RWD