



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## DETAILED PROJECT REPORT UNDER MR-3054



Name of the Road :-

REPAIR OF ROAD FROM X ROAD T02 TO KUKURDAURA UNDER MR-3054

|                                                              |   |           |     |
|--------------------------------------------------------------|---|-----------|-----|
| DISTRICT                                                     | : | MADHUBANI |     |
| DIVISION                                                     | : | PHULPARAS |     |
| BLOCK                                                        | : | LAUKAHI   |     |
| TOTAL LENGTH OF ROAD                                         | : | 4.770     | KM  |
| PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL | : | 262.235   | Lac |
| AVERAGE COST PER KM                                          | : | 54.976    | Lac |
| PART-B TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE             | : | 56.964    | Lac |
| ADD 10% FOR EMERGENT WORK                                    | : | 26.223    | Lac |
| TOTAL COST OF PROJECT                                        | : | 345.422   | Lac |

SUBMITTED BY:-

EXECUTIVE ENGINEER  
RWD (W) DIVISION PHULPARAS  
PHULPARAS



PREPARED BY:-

GEO BUILDTECH ENGINEERS PVT. LTD.  
FLAT NO. 311-312 EMARAT FIRDAUS  
EXHIBITION ROAD PATNA, BIHAR-800001  
E MAIL ID- geobuildtechengineers@gmail.com

M/R UNDER 3054

GENERAL ABSTRACT OF COST

Block:-- LAUKAHI

District:- MADHUBANI

Length of Road:-- 4.770 KM

Name of Road:-- REPAIR OF ROAD FROM X ROAD TO2 TO KUKURDAURA UNDER MR-3054

| SL. No. | Item of Work                                      | Amount       |
|---------|---------------------------------------------------|--------------|
| A       | TOTAL COST OF CONSTRUCTION                        | 230.279 Lacs |
|         | Add GST @ 12%                                     | 27.634 Lacs  |
|         | Add Labour Cess @ 1%                              | 2.303 Lacs   |
|         | Add Seigniorage Fee @ 10% on Material Cost only   | 2.019 Lacs   |
|         | TOTAL CONSTRUCTION COST INCLUDING GST, L.C & S.F. | 262.235 Lacs |
| B       | FIVE YEAR MAINTENANCE COST                        | 50.314 Lacs  |
|         | Add GST @ 12%                                     | 6.038 Lacs   |
|         | Add Labour Cess @ 1%                              | 0.503 Lacs   |
|         | Add Seigniorage Fee @ 10% on Material Cost only   | 0.110 Lacs   |
|         | TOTAL MAINTENANCE COST INCLUDING GST, L.C & S.F.  | 56.964 Lacs  |
| C       | AVERAGE COST PER KM                               | 54.976 Lacs  |
| D       | ADD 10% FOR EMERGENT WORK                         | 26.223 Lacs  |
|         | TOTAL                                             | 345.422 Lacs |

Junior Engineer

Asstt. Engineer

Executive Engineer

तकनीकी अनुमोदन के प्रामाण्य से मद में हुई  
नहीं हुई ४/१२ में हुई के बाद सही हुई  
बढ़ोनी हुई ४/१२

SE  
RWD

Superintending Engineer  
R.W.D. Works Circle  
Darbhanga

Abhinav  
02/07/22



A.A. Vide letter No. 403102057-01-102/2022, 531 Patna  
dt 08.7.22 Cost Est - 242.731 Lacs, Syr Mat'ls 56.323 Lacs  
Total - 299.054 Lacs

Cost Est - 242.731 Lacs  
Syr Mat'ls cost - 56.96 Lacs  
Total - 299.691 Lacs

Technically Sanctioned of Road Length 4.72 KM for Rs. 319.19 Lacs  
(Three Crore Ninety Lacs Ninety Thousand) only  
Sanction of Estimate does not mean Sanction of rates.  
Conditions and directions laid down in attached technical notes  
with the DPR is to be followed Strictly.

Vib  
26.7.22  
A.E.  
RWD

26/7/22  
E.E.  
RWD

C.E.-3  
RWD, PATNA

## SUMMARY OF 5 YEARS ORDINARY MAINTENANCE COST

NAME OF ROAD:-

REPAIR OF ROAD FROM X ROAD TO2 TO KUKURDAURA  
UNDER MR-3054

LINK ROUTE NO:-

-

DISTRICT:-

MADHUBANI

BLOCK:-

LAUKAHI

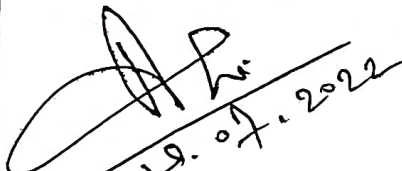
LENGTH OG ROAD (KM):-

4.770

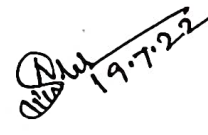
| Particulars                          | Amount In Rs. | Amount In (Lakh) |
|--------------------------------------|---------------|------------------|
| 1st Year Maintenance cost            | 3,35,426.00   | 3.354            |
| 2nd Year Maintenance cost            | 6,81,231.00   | 6.812            |
| 3rd Year Maintenance cost            | 15,23,955.00  | 15.240           |
| 4th Year Maintenance cost            | 8,06,343.00   | 8.063            |
| 5th Year Maintenance cost            | 16,84,401.00  | 16.844           |
| Total Cost of 5 years Maintenance    | 50,31,356.00  | 50.314           |
| Add GST @ 12%                        | 6,03,763.00   | 6.038            |
| Add Labour Cess @ 1%                 | 50,314.00     | 0.503            |
| Add Selgnorage Fee @ 10%             | 10,961.00     | 0.110            |
| Total Maint.Cost including GST & L.C | 56,96,394.00  | 56.964           |

### IMATE FOR 5 YEARS MAINTENANCE WOR

|                                      |   |       |   |
|--------------------------------------|---|-------|---|
| Total Length of Road(L)              | = | 4770  | m |
| Length of the Flexible Pavement(Lf)  | = | 3020  | m |
| Length of the Old Rigid Pavement(Lc) | = | 210   | m |
| Length of the New Rigid Pavement(Lc) | = | 1540  | m |
| Width of the Road (Br)               | = | 3.750 | m |
| Width Of the Shoulder (Bs)           | = | 1.125 | m |
| No. Of Hume Pipe Culvert             | = | 16    |   |
| No. Of Slab Culvert                  | = | 0     |   |
| Length of Drain                      | = | 0     | m |
| No. of guard stone                   | = | 57    |   |

  
19.07.2022  
JE  
RWD

  
19/07/2022  
AE  
RWD

  
19.7.22  
EE  
RWD