



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



New  
Development  
Bank

## BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

TS COPY

### MUKHYA MANTRI GRAM SAMPARK YOJNA (MMGSY)

### NDB(AWSESH) TRANCHE -I

YEAR (2023 - 2024)

### DETAILED PROJECT REPORT

|                                          |    |                                                                                                                        |
|------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------|
| PACKAGE NO.                              | :- |                                                                                                                        |
| STATE                                    | :- | Bihar                                                                                                                  |
| DISTRICT                                 | :- | East Champaran                                                                                                         |
| BLOCK                                    | :- | Pakri Dayal                                                                                                            |
| SURVEY ID                                | :- | 31925                                                                                                                  |
| NAME OF ROAD                             | :- | PAKRIDAYAL JHIKHAN TIKHA ROAD<br>DEVILAL BRIDGE -NARULAH HARAJ ROAD<br>TO TO KUND KANHA CHAUR (BARKA GAON<br>PWD ROAD) |
| TOTAL LENGTH OF ROAD                     | :- | 3.970 Km                                                                                                               |
| TOTAL CONSTRUCTION OF ROAD               | :- | 3.970 Km                                                                                                               |
| NO. OF C.D. STRUCTURES                   | :- | 7.00 Nos                                                                                                               |
| TOTAL COST OF CD WORKS                   | :- | Rs. 75.584 Lacs                                                                                                        |
| TOTAL CONST. COST (With GST,LC & SF) (A) | :- | Rs. 440.696 Lacs                                                                                                       |
| TOTAL MAIN. COST (With GST,LC & SF) (B)  | :- | Rs. 33.545 Lacs                                                                                                        |
| CONTIGENCY 2.25% (ON CONST. COST) (C)    | :- | Rs. 9.916 Lacs                                                                                                         |
| TOTAL PROJECT COST ( A + B + C )         | :- | Rs. 484.16 Lacs                                                                                                        |
| CONSTRUCTION COST PER KM                 | :- | Rs. 111.01 Lacs                                                                                                        |
| PER KM COST (WITHOUT CD WORKS)           | :- | Rs. 91.968 Lacs                                                                                                        |

**SUBMITTED BY:**

Executive Engineer  
RWD (w) Division, Pakridayal  
East Champaran

**PREPARED BY:**

Superstar Designer Pvt. Ltd.  
Flat No. 403, Bhuvaneshwaram Building  
Nageshwar Colony, Near Boring Road  
Chauraha, Patna ☎- 8434040125/8825398707

**Mukhya Mantri Gram Sampark Yojna (MMGSY)**

**YEAR (2023 - 2024)**

**GENERAL ABSTRACT OF COST**

**Block:--Pakri Dayal**

**District:--East Champaran**

**SURVEY ID**

**31925**

**Length of Road:--**

**3.970 KM**

**Name of Road:--**

**PAKRIDAYAL JHIKHAN TIKHA ROAD DEVILAL BRIDGE -NARULAH  
HARAJ ROAD TO TO KUND KANHA CHAUR (BARKA GAON PWD**

| SL. No. | Item Of Work                            | Amount              |
|---------|-----------------------------------------|---------------------|
| A       | TOTAL COST OF CONSTRUCTION :-           | 440.696 Lacs        |
| B       | CONTINGENCY 2.25% :-                    | 9.916 Lacs          |
|         | Sub Total= (A+B) :-                     | 450.612 Lacs        |
| C       | FIVE YEAR MAINTENANCE COST :-           | 33.545 Lacs         |
|         | <b>Total Cost Of Project (A+B+C)</b> :- | <b>484.157 Lacs</b> |

मद एवं मदों की मात्रा प्रशासनिक अनुमोदन प्राप्त प्रावधान के  
अनुसार है। स्वयं आवक प्रकृति नाल पुल एवं पुलिया का प्रावधान विमा  
जमा है, अतः प्रति किमी राशि में बृद्धि हुई है।

  
26/10/23

**Junior Engineer**

RWD (w) Section ,Pakri  
Dayal

  
26/10/23  
AC

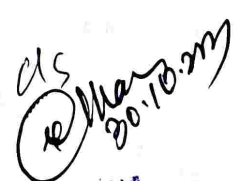
**Asstt. Engineer**

RWD (w) Sub Division ,Pakri Dayal

  
26/10/23

**Executive Engineer**

RWD (w) Division,Pakridayal

  
20/10/23  
Superintending Engineer  
Rural Works Department  
Works Circle, Motihari

AA. Length - 3.97 KM, Amount Rs. 48.56 Lacs under letter No. 1736

dat-9-10-23

Technically Sanctioned of Road Length 3.97 KM for Rs. 484.16 Lacs  
(Four Crore Eighty Four Lacs sixteen Thousand) only  
Sanctioned 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.

*[Signature]*  
9.11.23  
A.E.  
RWD

*Wan*  
*egh/123*  
A.E.  
RWD

*[Signature]*  
10/11/23  
C.E.-3  
RWD, PATNA



# SUMMARY OF COST ESTIMATE FOR THE PROJECT

PACKAGE NO.  
 SURVEY ID 31925  
 NAME OF ROAD : PAKRIDAYAL JHIKHAN TIKHA ROAD DEVILAL BRIDGE -NARULAH HARAJ ROAD TO TO KUND KANHA CHAUR (BARKA GAON PWD ROAD)  
 DISTRICT East Champaran  
 BLOCK Pakri Dayal  
 LENGTH OF ROAD (Km) 3.970  
 CONST. LENGTH OF ROAD(Km) 3.970  
 LENGTH OF BT PAVEMENT (In M) 3300  
 LENGTH OF CC PAVEMENT (In M) 670  
**CD STRUCTURES**  
 HUME PIPE 3  
 RCC CULVERT 4  
 300 MM UTILITY PIPE 11  
 BOX CELL CULVERT 0

| Sl. No   | DESCRIPTION                                                                           | AMOUNT (LAKHS) |
|----------|---------------------------------------------------------------------------------------|----------------|
| 1        | PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING                                       | 2.659          |
| 2        | EARTHWORK                                                                             | 40.750         |
| 3        | GSB                                                                                   | 87.386         |
| 4        | WBM GRADE III                                                                         | 58.278         |
| 5        | PRIME COAT                                                                            | 7.186          |
| 6        | TACK COAT                                                                             | 2.469          |
| 7        | MSS                                                                                   | 36.053         |
| 8        | CC PAVEMENT                                                                           | 38.015         |
| 9        | HARD SHOULDERING                                                                      | 0.000          |
| 10       | PROTECTION WORKS                                                                      | 0.000          |
| 11       | ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO                    | 16.612         |
|          | <b>SUB TOTAL OF PAVEMENT COST (IN LACS) =</b>                                         | <b>289.408</b> |
| 12       | <b>CROSS DRAINAGE STRUCTURES</b>                                                      |                |
| I        | HUME PIPE                                                                             | 12.112         |
| II       | RCC                                                                                   | 62.573         |
| III      | BOX                                                                                   | 0.000          |
| IV       | UTILITY PIPE (300 MM)                                                                 | 0.900          |
| V        | DISMANTLING OF CD                                                                     | 0.000          |
| VI       | REPAIR OF CD WORK                                                                     | 0.000          |
|          | <b>SUB TOTAL OF CD STRUCTURES COST (IN LACS) =</b>                                    | <b>75.584</b>  |
|          | <b>Total Constriction Cost (In Lacs) :-</b>                                           | <b>364.992</b> |
|          | <b>GST @ 18% (In Lacs) :-</b>                                                         | <b>65.699</b>  |
|          | <b>Labour Cess @ 1% (In Lacs) :-</b>                                                  | <b>3.650</b>   |
|          | <b>Seigniorage Fee 10% (In Lacs) :-</b>                                               | <b>6.356</b>   |
| <b>A</b> | <b>Total Constriction Cost (Including GST@18% ,L.C@1% &amp; S.F@10%) (In Lacs) :-</b> | <b>440.696</b> |
|          | <b>Total Cost Of 5 Years Maintenance (In Lacs) :-</b>                                 | <b>28.110</b>  |
|          | <b>GST @ 18% (In Lacs) :-</b>                                                         | <b>5.060</b>   |
|          | <b>Labour Cess @ 1% (In Lacs) :-</b>                                                  | <b>0.281</b>   |
|          | <b>Seigniorage Fee 10% (In Lacs) :-</b>                                               | <b>0.094</b>   |
| <b>B</b> | <b>Total Maintenance Cost (Including GST@18% ,L.C@1% &amp; S.F@10%) (In Lacs) :-</b>  | <b>33.545</b>  |
| <b>C</b> | <b>Add Contingency Charges @ 2.25% On Cont. Cost (In Lacs) :-</b>                     | <b>9.916</b>   |
|          | <b>TOTAL PROJECT COST (A+B+C) (IN LACS) :-</b>                                        | <b>484.157</b> |

  
 Junior Engineer

RWD (w) Section ,Pakri Dayal

  
 Assistant Engineer

RWD (w) Sub Division, Pakri Dayal

  
 Executive Engineer  
 RWD (w)  
 Division, Pakridayal

**PROFORMA-A**

**Mukhya Mantri Gram Sampark Yojna (MMGSY)**  
**[ Govt. Of Bihar ]**

**DISTRICT WISE SUMMARY OF THE PROPOSALS FOR THE YEAR (2023 - 2024)**

| Sl. No. | District       | Package No.    | No. Of Habitations Covered | Length (KMS) | Value Rs. (Lakhs) |        | Av. Cost per km Rs. (Lakhs) |        |
|---------|----------------|----------------|----------------------------|--------------|-------------------|--------|-----------------------------|--------|
|         |                |                |                            |              | Const.            | Maint. | Const.                      | Maint. |
| 1       | East Champaran |                | 2                          | 3.970        | 412.441           | 31.765 | 103.889                     | 8.001  |
|         | TOTAL          | 1              | 2                          | 3.970        | 412.441           | 31.765 | 103.889                     | 8.001  |
| 1       | NO. OF DIST.   | TOTAL PACKAGES | HABITATIONS COVERED        | LENGTH (KMS) | VALUE RS. (LAKHS) |        | AV. COST /KM RS. (LAKHS)    |        |
|         | 1              | 1              | 2                          | 3.970        | 412.441           | 31.765 | 103.889                     | 8.001  |

  
26.10.23.  
Junior Engineer  
RWD (w) Section ,Pakri Dayal

  
26/10/23

Assistant Engineer  
RWD (w) Sub Division ,Pakri Dayal

  
26.10.23  
Executive Engineer  
RWD (w) Division,Pakridayal