



**ग्रामीण कार्य विभाग**

Rural Works Department, Govt of Bihar

## BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

### DETAILED PROJECT REPORT

YEAR (2020 - 2021)

**MMGSY-SC GEN**

|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| STATE :-                                  | BIHAR                                  |
| DISTRICT :-                               | Madhepura                              |
| BLOCK :-                                  | Alamnagar                              |
| CNCPL NO. :-                              | 40(S028)                               |
| NAME OF ROAD :-                           | PMGSY Paura Tola To Fullaut Tirasi Tak |
| TOTAL LENGTH OF ROAD :-                   | 5.955 km                               |
| TOTAL COST OF CONSTRUCTION :-             | Rs. 558.387 Lacs                       |
| COST OF ROAD CONSTRUCTION PER KM :-       | Rs. 93.768 Lacs                        |
| 5 YEAR MAINTENANCE COST :-                | Rs. 45.688 Lacs                        |
| Contingency 2.25% On Construction Cost :- | Rs. 11.005 Lacs                        |
| TOTAL COST OF PROJECT :-                  | Rs. 615.080 Lacs                       |

**SUBMITTED BY:**

EXECUTIVE ENGINEER

RWD (W) DIVISION, UDAKISANGANJ

MADHEPURA

**PREPARED BY:**

FLEXICON ENGINEER'S & PLANNERS PVT. LTD.

G.F. SAHJANI HOUSE, WEST BORING CANAL

ROAD, PATNA-800001

| Sl No. | Division           | Category | Block     | Name of Scheme                                                                                                                       | SL No. of Core Network | Length (In km)       | Total Population Served | Administrative Approval Amount (In Lakhs) |
|--------|--------------------|----------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|-------------------------|-------------------------------------------|
| 1      | 2                  | 3        | 4         | 5                                                                                                                                    | 6                      | 7                    | 8                       | 9                                         |
| 4      | Udakishanganj      | GEN      | Alamnagar | PMGSY Paura Tola to Fullaut Tirsai Tak                                                                                               | CNCPL 40               | 5.955                | 340                     | 525.890                                   |
| 5      | Udakishanganj      | GEN      | Chausa    | Part-A<br>Chausa Fulaut REO Road to Sirha Tola                                                                                       | CNCPL 61               | 3.253                | 276                     | 392.390                                   |
|        |                    |          |           | Part-B<br>Construction of HL Bridge Span 2x16.50m at CH:-2850m in Chausa Fulaut REO Road to Sirha Tola Road with Approach Road=      |                        | 36.12 m<br>100.00 m  |                         | 213.430                                   |
|        |                    |          |           | Total                                                                                                                                |                        | 3.389                | 276                     | 605.820                                   |
| 6      | Baisi              | GEN      | Amour     | Part-A<br>Madarsa to Musalman Tola Purb Kadgawan                                                                                     | CNCPL 69               | 1.380                | 402                     | 121.890                                   |
|        |                    |          |           | Part-B<br>(i) Construction of RCC Bridge Span 2x16.50m at CH-272m in Madarsa to Musalman Tola Purb Kadgawan Road with Approach Road= |                        | 36.08 m<br>83.92 m   |                         | 282.693                                   |
|        |                    |          |           | (ii) Construction of RCC Bridge Span 6x18.75m at CH-480m in Madarsa to Musalman Tola Purb Kadgawan Road with Approach Road=          |                        | 121.74 m<br>128.26 m |                         | 663.57                                    |
|        |                    |          |           | Total                                                                                                                                |                        | 1.750                | 402                     | 1068.1                                    |
| 7      | Baisi              | GEN      | Amour     | Part-A<br>Mochi Tola (Anahag) to Bakra                                                                                               | CNCPL 63               | 1.050                | 428                     | 94.4                                      |
|        |                    |          |           | Part-B<br>Construction of RCC Bridge Span 6x18.75m at CH:-1100m in Mochi Tola (Anahag) to Bakra Road with Approach Road=             |                        | 121.74 m<br>58.26 m  |                         | 653                                       |
|        |                    |          |           | Total                                                                                                                                |                        | 1.230                | 428                     | 74                                        |
| 8      | Simri Bakhtiyarpur | GEN      | Sonbarsa  | Lagma Panchayat Sima to Khauraha Path                                                                                                | CNCPL 4                | 5.110                | 3459                    | 5                                         |
|        |                    |          |           | Part-A                                                                                                                               |                        |                      |                         |                                           |

AA vide letter NO -BARRDA(HQ)-MM 615Y 60/2018 756 Dated  
Dated - 04/08/21

AA Amount for construction work - ₹ 525.88 Lakh  
85 year Maintenance Work

T.S. Amount for construction Work ₹ 558.387 Lakh  
With GST @ 12%, L.C @ 01%, and J+1 S.F @ 10%  
T.S. Amount for 5 Year Maintenance Work ₹ 45.688 Lakh  
With GST @ 12%, L.C @ 01%, and S.F @ 10%  
On Material  
₹ 604.4075 Lakh

Add contingency @ 2.25% on  
construction cost ₹ 11.605 Lakh  
₹ 615.080 Lakh

% Increase from A.A. Amount 16.97%

~~Technical Sanction for Rs. 615.080 Lakh  
only~~

~~Ref. S.E. Letter No. 113 dated 02-02-2022  
Technically Sanctioned for Rs. 615.080 Lakh  
Rupees Six Crores fifty eight thousand only  
Technical Sanction does not mean sanction  
of rate. Instruction given in technical note  
would be followed strictly.~~

Chief Engineer-2  
Road Works Department  
Pune

07/02/2022

# MUKHYA MANTRI GRAM SAMPRAK YOJANA ( MMGSY)

## BILL OF QUANTITIES (BOQ) - CONSTRUCTION

| BILL OF QUANTITIES (BOQ) - CONSTRUCTION |                                                                                                                                                                                                                                                                                             |            |           |             |              |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-------------|--------------|
| Name of Road :                          | PMGSY Paura Tola To Fullaut Tirasi Tak                                                                                                                                                                                                                                                      |            |           |             |              |
| Block :                                 | Alamnagar                                                                                                                                                                                                                                                                                   | District : | Madhepura |             |              |
| Length :                                | 5.955 km                                                                                                                                                                                                                                                                                    |            |           |             |              |
| Sl. No.                                 | Description of Items                                                                                                                                                                                                                                                                        | Unit       | Qty.      | Rate (Rs.)  | Amount (Rs.) |
| 46                                      | Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202. |            |           |             |              |
| i                                       | Cement mortar                                                                                                                                                                                                                                                                               | Cum        | 24.75 ✓   | 277.43 ✓    | 6866.39 ✓    |
|                                         |                                                                                                                                                                                                                                                                                             |            |           | Total       | 48911647.7   |
|                                         | GST 12%                                                                                                                                                                                                                                                                                     |            |           |             | 5869397.7    |
|                                         | L.C 1%                                                                                                                                                                                                                                                                                      |            |           |             | 489116.5     |
|                                         | Seigniorage fee                                                                                                                                                                                                                                                                             |            |           | 568453.50   | 596303.7     |
|                                         | Total Construction(A)                                                                                                                                                                                                                                                                       |            |           | 55838614.90 | 55866465.6   |
| 47                                      | 1st Year Maintenance cost                                                                                                                                                                                                                                                                   | Year       | 1         | 209110.00   | 209110.0     |
| 48                                      | 2nd Year Maintenance cost                                                                                                                                                                                                                                                                   | Year       | 1         | 272584.00   | 272584.0     |
| 49                                      | 3rd Year Maintenance cost                                                                                                                                                                                                                                                                   | Year       | 1         | 1379215.00  | 1379215.0    |
| 50                                      | 4th Year Maintenance cost                                                                                                                                                                                                                                                                   | Year       | 1         | 493126.00   | 493126.0     |
| 51                                      | 5th Year Maintenance cost                                                                                                                                                                                                                                                                   | Year       | 1         | 1552444.00  | 1552444.0    |
|                                         |                                                                                                                                                                                                                                                                                             |            |           | Total       | 3906479.0    |
|                                         | GST 12%                                                                                                                                                                                                                                                                                     |            |           |             | 468777.5     |
|                                         | L.C 1%                                                                                                                                                                                                                                                                                      |            |           |             | 39064.8      |
|                                         | Seigniorage fee                                                                                                                                                                                                                                                                             |            |           |             | 154490.8     |
|                                         | Total Maintenance (B)                                                                                                                                                                                                                                                                       |            |           |             | 4568812.1    |
|                                         | Grand Total Cost (A+B)                                                                                                                                                                                                                                                                      |            |           |             | 60435277.7   |

60407427

*[Signature]*  
09.03.22  
EE

Approved for Rs 60407427.00 (Rupees six crore four lacs seven thousand four hundred and twenty seven) only.

*[Signature]*  
09/03/22

Superintending Engineer  
Rural Works Department  
Works Circle Madhepura