

# **RURAL WORKS DEPARTMENT GOVT. OF BIHAR**



**Name of Work:- Bakhari PMGSY Road to Bakhari Harijan Tola.  
Block:-Sursand.**

**F.D.R**

**Rs. ~~417148.00~~ 277208 = ₹**

**Year-2021-22.**

**Name of Circle:- R.W.D. Works Circle, Sitamarhi.**

**Name of Division:- R.W.D. Works Division, Pupri.**

# **DETAILED ESTIMATE FOR F.D.R** **General Abstract of Cost**

Name of Road:-Bakhari PMGSY Road to Bakhari Harijan Tola.

Length of Road:-1.7 Km

Block:-Sursand

District:-Sitamarhi

| S. No.  | Particulars                    | Total Cost<br>(in Lakh) |
|---------|--------------------------------|-------------------------|
| 1       | Total Cost for Motorable Roads | 354189.00               |
| 2       | Labour cess @1%                | 3541.89                 |
| 3       | GST @12%                       | 42502.68                |
| 4       | Seigniorage Fee @ 10%          | 16914.46                |
| 5       | Total Cost of Road Repair      | 417148.03               |
| Say Rs. |                                | 417148.00<br>277208.00  |

*[Signature]*  
JE 05/11/21

*[Signature]*  
AE 5-11-21

*[Signature]*  
TE 5-11-21

अभियन्ता-प्रमुख ग्रामीण कार्य विभाग के पत्रांक-4849  
दिनांक-07/12/2021 के आदेशानुसार प्रशासनिक  
स्वीकृति के प्रत्याशा में औपबंधित तकनीकी स्वीकृति प्रदान  
की जा रही है। प्रशासनिक स्वीकृति प्राप्त होने के उपरान्त  
पुनः तकनीकी स्वीकृति प्रदान की जायेगी। औपबंधित तकनीकी  
स्वीकृति रुपये...2,77,208.00.....(दो लाख...सतरह हजार दो सौ आठ)  
की प्रदान की जाती है।

*[Signature]*  
24/11/22

अधीक्षक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, सीतामढ़ी

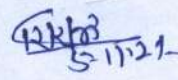
## Schedule of Quantity

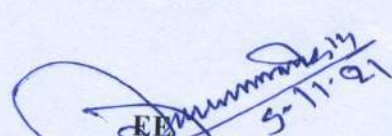
Name of Road:-Bakhari PMGSY Road to Bakhari Harijan Tola.

| Sl. No. | Description of Item                                                                                                                                                                                                                                                                                                                                       | Qty      | Unit | Rate    | Amount     |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|---------|------------|
| 1       | Sand Filling in Foundation Trenches as per Drawing & Technical Specification.                                                                                                                                                                                                                                                                             | 0.00     | Cum  | 488.11  | 0.00       |
| 2       | Providing and laying of Brick Bat obtained from Chimney with machanical means with all spreading, grading to required slope and compacted at OMC to achieve required density with all complete as per the direction of engineer in charge.                                                                                                                | 177.5610 |      |         | 0.00       |
|         | Less 20% for Voids                                                                                                                                                                                                                                                                                                                                        | 35.5122  |      |         |            |
|         |                                                                                                                                                                                                                                                                                                                                                           | 142.0488 | Cum  | 2105.01 | 299014.144 |
| 3       | Single bamboo paiasiding/ walling of whole 2nd class bamboo (Jati or Bethua) 75mm dia and closely packed & driven including fitting fixing with half bamboo kamis horizontally in three rows with cane or tying with wire complete and Struts 1.5m apart longitudinally and providing brush wood as per drawing and technical specification clause 1302.5 | 0.00     | m    | 140.4   | 0.00       |
| 4       | Providing, Laying and placing empty cement bag filled with local sand including stiching with sutall etc. .... do.....do.....all complete job as per specification and direction of E/I. (including Royalty and all Taxes)                                                                                                                                | 0.00     | no.  | 9.63    | 0.00       |
| 5       | Providing and Laying Reinforced Cement Concrete Pipe NP3 (dia 1000) as per design in Single Row with old available pipe                                                                                                                                                                                                                                   | 0.00     | m    | 3400.00 | 0.00       |
| 6       | Providing and Laying Reinforced Cement Concrete Pipe NP3 (dia 600) as per design in Single Row with old available pipe                                                                                                                                                                                                                                    | 0.00     | m    | 850.00  | 0.00       |
| 7       | Providing Quarry Material Rabbish for filling the voids in bricks bats .....do.....all complete job as per specification and diretion of E/I.                                                                                                                                                                                                             |          |      |         |            |
|         | Taking 20% of Brick Qty for Rabbish                                                                                                                                                                                                                                                                                                                       | 35.5122  | Cum  | 873.01  | 31002      |
|         |                                                                                                                                                                                                                                                                                                                                                           |          |      | 1553.68 | 55174.5949 |

Total 354188.74  
Say 354189.00  
277208 =

  
JE

  
AE

  
5-11-21

# **Details of Measurement of ditches filled by brick bats and rabbish**

Name of Road:-Bakhari PMGSY Road to Bakhari Harijan Tola.

|                                 | Nos. | L                               | W     |    | H     | VOLUME   |
|---------------------------------|------|---------------------------------|-------|----|-------|----------|
| Slab Culvert                    | 1    | 24.00                           | 4.750 | Av | 0.900 | 102.6000 |
|                                 | 1    | 20.00                           | 1.500 |    | 0.450 | 13.5000  |
|                                 | 1    | 12.60                           | 1.500 |    | 0.450 | 8.5050   |
|                                 | 1    | 6.00                            | 0.900 |    | 0.300 | 1.6200   |
|                                 | 1    | 4.00                            | 0.900 |    | 0.300 | 1.0800   |
|                                 | 1    | 16.00                           | 3.200 |    | 0.300 | 15.3600  |
|                                 | 1    | 16.00                           | 3.000 |    | 0.250 | 12.0000  |
|                                 | 1    | 15.00                           | 1.500 |    | 0.300 | 6.7500   |
|                                 | 1    | 12.00                           | 1.500 |    | 0.300 | 5.4000   |
|                                 | 1    | 26.00                           | 3.200 |    | 0.250 | 20.8000  |
|                                 | 1    | 5.00                            | 3.000 |    | 0.250 | 3.7500   |
|                                 | 1    | 8.00                            | 3.000 |    | 0.200 | 4.8000   |
|                                 | 1    | 3.00                            | 1.500 |    | 0.250 | 1.1250   |
|                                 |      | Total (in Cum)                  |       |    |       | 197.2900 |
|                                 |      | Less @ 10% Old Salvage Material |       |    |       | 19.7290  |
|                                 |      | Net Qty (in Cum)                |       |    |       | 177.5610 |
| Laying Hume Pipe of 1000 mm dia | 0    | 0                               |       |    | 0     | 0.00     |
| Laying Hume Pipe of 600 mm dia  | 0    | 0                               |       |    | 0     | 0.00     |
| Cement Bage                     |      |                                 |       |    |       |          |

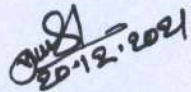
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**बाढ़ क्षतिग्रस्त पथों का अन्तर प्रमंडलीय जाँच प्रतिवेदन हेतु प्रपत्र**

|    |                                                                              |                                                                                                                                                                                                                                                     |
|----|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | निरीक्षी पदाधिकारी का नाम एवं पदनाम:-                                        | ई0 विनोद कुमार साह, कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, सीतामढ़ी।                                                                                                                                                                |
| 2  | निरीक्षण की तिथि:-                                                           | 20.12.2021                                                                                                                                                                                                                                          |
| 3  | पथ का नाम (शीर्ष के साथ)                                                     | Bakhari PMAY Road to Bakhari Harijan Tola                                                                                                                                                                                                           |
| 4  | पथ की लम्बाई                                                                 | 1.7 km                                                                                                                                                                                                                                              |
| 5  | कार्य प्रमंडल का नाम                                                         | ग्रामीण कार्य विभाग, कार्य प्रमंडल, पुपरी।                                                                                                                                                                                                          |
| 6  | प्रखंड का नाम                                                                | सुरसंड।                                                                                                                                                                                                                                             |
| 7  | पथ की स्थिति                                                                 | (Completed/Ongoing)                                                                                                                                                                                                                                 |
| 8  | पथ अनुरक्षण अवधि में हैं                                                     | (Yes/No)                                                                                                                                                                                                                                            |
| 9  | क्षतिग्रस्त भाग की लम्बाई                                                    | ११५मी                                                                                                                                                                                                                                               |
| 10 | क्षतिग्रस्त भाग में कराये गये कार्य का विवरणी (लम्बाई x ऊँचाई x गहराई)       | <p>All Mesurment are attached in estimate</p> <p>Qty of Brick Bats :- 142.0488 m<sup>3</sup></p> <p>Qty of Rubbish:- 35.5122 m<sup>3</sup></p> <p>Total Qty :- 177.5610 m<sup>3</sup></p> <p>Entered in MB No:- 2611</p> <p>Page No:- 01 to 03.</p> |
| 11 | अस्थायी पुर्नस्थापन में किस-किस सामग्रीयों को उपयोग किया गया है। उसकी विवरणी | Brick Bats & Rubbish                                                                                                                                                                                                                                |
| 12 | अभ्युक्ति                                                                    | संतोष कुमार                                                                                                                                                                                                                                         |

  
 निरीक्षी पदाधिकारी का हस्ताक्षर  
 पदनाम सहित