

# RURAL WORKS DEPARTMENT GOVT. OF BIHAR



Name of Work:- Banauli Devnathpatti PMGSY to Jawahi Middle School.  
Block:- Sursand.

F.D.R

Rs. 920365.00

Year-2020-21

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

Name of Division:- R.W.D., (W) Division, Pupri.

877284.00  
~~868244.00~~  
~~905456.00~~

# DETAILED ESTIMATE FOR F.D.R

## General Abstract of Cost

| Name of Road:-Bannuli Devanthpati PMGSY to Jawahi Middle school. |             | Length of Road:- 2.2km |  | Block:- Sursand                |  | District:-Sitamarhi |  |
|------------------------------------------------------------------|-------------|------------------------|--|--------------------------------|--|---------------------|--|
| S. No.                                                           | Particulars | Total Cost             |  | Total Cost for Motorable Roads |  | Labour Cess @ 1%    |  |
| 1                                                                |             | 814482.00              |  | 814482.00                      |  | 8144.82             |  |
| 2                                                                |             | 97737.84               |  | 97737.84                       |  | 9773.78             |  |
| 3                                                                |             | 920364.66              |  | 920364.66                      |  | 92036.46            |  |
| Total Cost of Road Repair                                        |             | 868244.00              |  | 868244.00                      |  | 86824.40            |  |
| Say                                                              |             | 920365.00              |  | 920365.00                      |  | 92036.50            |  |

JE  
21/12/20

AE  
21.12.20

EP  
21.12.20

अनुमोदित और तब के अनुसार बीएसडि ड्राईंग और उसके लिए प्रतिकूल यात्रा-161 और ड्राईंग-10.02.21 के साथी में।

10/12/21  
10/12/21  
10/12/21

28.12.2020  
JE

21/12/20  
JE

21/12/20  
12.05.2021  
34/12/21

Technically approved for Rs 920365 = 00 (Nine lakh Twenty thousand three hundred sixty-five) only.  
Technically approved for Rs. 905456.00 (Nine lakh five thousand four hundred fifty six) only.  
Technically approved for Rs 868244.00 (Eight lakh sixty eight thousand two hundred forty four) only.  
Technically approved for Rs 868244.00 (Eight lakh sixty eight thousand two hundred forty four) only.

13/5/21

# Schedule of Quantity

of Road:-Bannuli Devanthpatti PMGSY to Jawahi Middle school.

| Description of Item                                                                                                                                                                                                                                                                                                                                         | Qty                                               | Unit | Rate    | Amount    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------|---------|-----------|
| 1 Sand Filling in Foundation Trenches as per Drawing & Technical Specification.                                                                                                                                                                                                                                                                             | 0.00                                              | Cum  | 401.00  | 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.                                                                                                                | 556.73<br>574.425<br>584.2500<br>116.85<br>116.85 |      |         | 0.00      |
| Less 20% for Voids                                                                                                                                                                                                                                                                                                                                          |                                                   |      |         |           |
|                                                                                                                                                                                                                                                                                                                                                             | 467.4000                                          | Cum  | 1546.00 | 722600.4  |
| 3 Single bamboo paaisiding/ 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 | 30.00                                             | m    | 172.62  | 5178.60   |
| 4 Providing, Laying and placing empty cement bag filled with local sand including stitching with sutall etc. .... do.....do.....all complete job as per specification and direction of E/L. (including Royalty and all Taxes)                                                                                                                               | 0.00                                              | no.  | 23.12   | 0.00      |
| 5 Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row with old available pipe                                                                                                                                                                                                                                              | 0.00                                              | m    | 3158.69 | 0.00      |
| 6 Providing Quarry Material Rabbish for filling the voids in bricks bats .....do.....all complete job as per specification and direction of E/L.                                                                                                                                                                                                            | 116.85<br>116.85<br>116.85<br>116.85<br>116.85    |      |         |           |
| Taking 20% of Brick Qty for Rabbish                                                                                                                                                                                                                                                                                                                         |                                                   | Cum  | 742.00  | 86702.7   |
| Total                                                                                                                                                                                                                                                                                                                                                       |                                                   |      |         | 814481.70 |
| Say                                                                                                                                                                                                                                                                                                                                                         |                                                   |      |         | 814482.00 |

JE 21/12/20

AE 21/12/20

21/12/20

768357.00/-

801287.67  
801288.10  
768357.00/-

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

me of Road:-Bannuli Devanthpatti PMGSY to Jawahi Middle school.

| L                              | W     | H    | VOLUME   |
|--------------------------------|-------|------|----------|
| 20.00                          | 4.500 | 0.80 | 72.0000  |
| 15.00                          | 5.500 | 1.30 | 107.2500 |
| 15.00                          | 5.500 | 1.20 | 99.0000  |
| 30.00                          | 6.000 | 1.30 | 234.0000 |
| 15.00                          | 6.000 | 0.80 | 72.0000  |
| Total (in Cum)                 |       |      | 584.2500 |
| Laying Hume Pipe of 600 mm dia | 30    | 0    | 30.00    |
| Cement Bage                    |       |      |          |

556.73.  
54.25  
54.00  
556.600  
103.125

21/12/20  
21/12/20  
21/12/20

21/12/20  
21/12/20  
21/12/20

21/12/20  
21/12/20  
21/12/20

28.12.2020  
28.12.2020  
28.12.2020

Sitamathi

Pupri

Name of Road:-Banauli Devnathpati PMGSY to Jawahi Middle School.

UT DATA  
DISTRICT  
LABITATION CODE  
BLOCK  
ROAD DETAILS

From (Chainage)  
To (Chainage)  
Flush Drain (Cum)  
Road Connecting To  
Brick Soling for Dismantling  
CC Road for Dismantling  
BT Road for Dismantling  
Format 2 B : CD's  
CD Details

Name of the Road  
Existing CD:

Flush Clauseway  
HP Culvert 1 Row  
HP Culvert 2 Row  
HP Culvert 3 Row  
HP Culvert 4 Row  
0.5m Span Slab Culvert  
1.0m Span Slab Culvert  
1.50m Span Slab Culvert  
2m Span Culvert  
3m Span Culvert  
4m Span Culvert  
5m Span Culvert  
6m Span Culvert  
2x6m Span Slab Culvert  
Vented Clauseway  
Below 600mm Dia Culvert  
Bridge  
Prepared By

Works Division, Pupri.