

## Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration  
of Road from ALAMNAGAR TO  
SONAMUKHI KAPSIYA WITH 5YEARS  
MAINTENANCE

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- YEAR (2020 - 2021)

Actual Length of Road :- 13.30 Km

Flood Affected Length of R :- 0.750 Km

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## प्रतिवेदन

पथ का नाम:- *Alamnagar To Sonamukhi Khasiya with 5 km*  
*maintenance.*

प्रखंड:- *Alamnagar*

जिला:- मधेपुरा

पथ की कुल लम्बाई:- 13.300 कि०मी०

प्रसासनिक स्वीकृति की राशि:-

लाख

प्रस्तुत प्राक्कलन मो०:- 69.808 लाख का वर्ष 2020 में आयी बाढ़ एवम्  
अतिवृष्टि से क्षत्रिग्रस्त पथों को मानक अवस्था में लाने हेतु विभागीय पत्रांक-

मु०अ०-4(मु०)विविध (कार्य)-23-291/2019 726 पटना,दिनांक-12-02-2020

,पत्रांक- मु०अ०-4(मु०)विविध (कार्य)-23-116/2017 3446 दिनांक 18.09.2020

एवम् पत्रांक- मु०अ०-4(मु०)विविध (कार्य)-23-56/2016 726 पार्ट-1-4665

पटना,दिनांक-15.12.2020 के द्वारा दिए गये निर्देश का अनुपालन कर ग्रामीण  
कार्य विभाग,कार्य प्रमंडल,उदाकिशुनगंज के अधीन स्वीकृत प्राक्कलन के दर पर  
तैयार की गयी है।

*[Signature]*  
20/11/20

कनीय अभियंता

*[Signature]*  
20/11/20

सहायक अभियंता

*[Signature]*  
20/11/20

कार्यपालक अभियंता

ग्रामीण कार्य विभाग,कार्य प्रमंडल

उदाकिशुनगंज

**FDR**  
**YEAR (2020 - 2021)**

GENERAL ABSTRACT OF COST

Block:--Alamnagar

District:--Madhepura

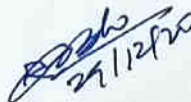
Length of Road:-- 13.300 KM

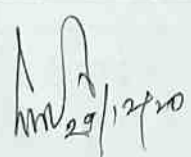
Length of Affacted Road in 750  
meter

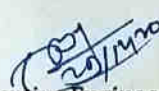
Name of Road:--

Detailed Estimate for Temporary Restoration of Road from ALAMNAGAR TO  
SONAMUKHI KAPSIYA WITH 5YEARS MAINTENANCE

| SL. No. | Item of Work               | Amount        |             |
|---------|----------------------------|---------------|-------------|
| A       | TOTAL COST OF CONSTRUCTION | 61.777        | Lacs        |
| C       | Add L.Cess@ 1%             | 0.618         | Lacs        |
|         | Add GST@12%                | 7.413         | Lacs        |
|         | <b>TOTAL</b>               | <b>69.808</b> | <b>Lacs</b> |

  
**Junior Engineer**  
RWD (w) SUB Division ALAMNAGAR

  
**Asstt. Engineer**  
RWD (w) SUB Division ALAMNAGAR

  
**Executive Engineer**  
RWD (w) Division,  
Udakisungani

### SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

Detailed Estimate for Temporary Restoration of Road  
from ALAMNAGAR TO SONAMUKHI KAPSIYA WITH  
5YEARS MAINTENANCE

DISTRICT

Madhepura

BLOCK

Alamnagar

LENGTH OF ROAD (in Km)

13.30

LENGTH OF AFFECTED ROAD (in m)

750.000

| Sl. No. | DESCRIPTION                                                             | AMOUNT<br>(LAKHS) |
|---------|-------------------------------------------------------------------------|-------------------|
| 1       | Supplying fitting andfixing in position split Bamboo woven chanchary    | 0.1432            |
| 2       | Labour for cutting 62mm to 75mm dia bamboo piles in size                | 0.1111            |
| 3       | Labour for cutting 62mm to 75mm dia bamboo Runner                       | 0.0144            |
| 4       | Supplying of nariyal coir                                               | 0.0020            |
| 5       | Providing fitting andf fixing split bamboo woven chachari i             | 0.0000            |
| 6       | Labour filling empty cement bag with local sand,stiching the bags and p | 20.7110           |
| 7       | Sand filling in foundation trenche                                      | 28.2148           |
| 8       | Providing and Laying Of Brick Bat obtained from chimney                 | 12.5806           |
|         | <b>Sub Total ` :-</b>                                                   | <b>61.777087</b>  |
|         | ADD GST @12%                                                            | <b>7.413250</b>   |
|         | <b>Add L.cess Charges @ 1% of Sub Total ` :-</b>                        | <b>0.617771</b>   |
|         | <b>TOTAL COST OF PROJECT IN LACS =</b>                                  | <b>69.808108</b>  |

Say 69.808 Lac

J.E

A.E

E.E

Technically approved for Rs 69.808 Lac (Rupees  
sixty nine lac eighty thousand eight hundred only)

Superintending Engineer  
Rural Works Department  
Works Circle Madhepura

# **DETAIL ESTIMATE**

| Sl. No. | SDB<br>Sl. No | MORD<br>Ref. No | Description                                                                                                                                                                                                                                        | Unit | NOS  | LENGTH | WIDTH | HEIGHT | QUANTITY | RATE   | AMOUNT<br>(in Rs.) |
|---------|---------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|--------|-------|--------|----------|--------|--------------------|
| 1       | 14.2          |                 | Supplying fitting andfixing in position split Bamboo woven chachari with 20SWG G.I etc all complete job (75mm dia and 6 meter to 8 meter Long)                                                                                                     |      |      |        |       |        |          |        |                    |
|         |               |                 | Pile                                                                                                                                                                                                                                               | m    | 1.00 | 47.00  | 2.00  |        | 94.00    |        |                    |
|         |               |                 |                                                                                                                                                                                                                                                    |      | 1.00 | 52.00  | 2.25  |        | 117.00   |        |                    |
|         |               |                 |                                                                                                                                                                                                                                                    |      | 1.00 | 36.00  | 1.50  |        | 54.00    |        |                    |
|         |               |                 |                                                                                                                                                                                                                                                    |      |      |        |       |        | 0.00     |        |                    |
|         |               |                 | Runner                                                                                                                                                                                                                                             |      | 1.00 | 6.00   | 25.00 |        | 150.00   |        |                    |
|         |               |                 |                                                                                                                                                                                                                                                    |      | 1.00 | 3.00   | 45.00 |        | 135.00   |        |                    |
|         |               |                 |                                                                                                                                                                                                                                                    |      |      |        |       |        | 0.00     |        |                    |
|         |               |                 | Total Length oif bamboo in meter                                                                                                                                                                                                                   |      |      |        |       |        | 550.00   |        |                    |
|         |               |                 | Total qty (Length/6mtr)                                                                                                                                                                                                                            |      |      |        |       |        | 91.67    |        |                    |
| 2       | 5.7.7         |                 | Labour for cutting 62mm to 75mm dia bamboo piles in size and making shoe.Do complete job as per specification.,                                                                                                                                    |      |      |        |       |        | 92.00    | 155.65 | 14,320.00          |
| 3       | 5.7.9         |                 | Labour for cutting 62mm to 75mm dia bamboo Runner in size and making shoe.Do complete job as per specification.,                                                                                                                                   |      | 1.00 | 265.00 |       |        | 265.00   | 41.91  | 11,106.15          |
| 4       |               |                 | Supplying of Nariyal coir                                                                                                                                                                                                                          | kg   | 1.00 | 285.00 |       |        | 285.00   | 5.06   | 1,442.10           |
| 5       |               |                 | Providing fitting andf fixing split bamboo woven chachari in position with 20swg wire of 75mm to 100mm long nails alternatively including cost of G.I wire or nails bamboo labour for ..... complete job as per specification and direction of E/I |      | 1.00 | 7.00   |       |        | 7.00     | 27.98  | 195.86             |
|         |               |                 | Total                                                                                                                                                                                                                                              | sqm  |      |        |       |        | 0.00     |        |                    |
|         |               |                 |                                                                                                                                                                                                                                                    |      |      |        |       |        | 0.00     |        |                    |
|         |               |                 |                                                                                                                                                                                                                                                    |      |      |        |       |        | 0.00     | 641.00 | 0.00               |

[illegible]

2-5  
2-11-14  
TOTAL COST OF RESTORATION IN RS

20/1/22

# CALCULATION SHEET

Name of Road:- ALAMNAGAR TO SONAMUKHI KAPSIYA WITH 5YEARS MAINTENANCE

Block:- Alamnagar

Length of Road:- 13.300 KM

0.750

ected Length of Road:-

District:- MADHEPURA

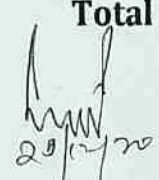
| S.No. | Description |  | Nos. | Length(m) | Width(m)<br>avg | Avg.height(<br>m) | Quantity(cum<br>) |
|-------|-------------|--|------|-----------|-----------------|-------------------|-------------------|
| 1     | 4TH Km      |  | 2    | 25.00     | 2.00            | 3.00              | 300.000           |
|       |             |  | 1    | 8.00      | 4.00            | 0.45              | 14.400            |
|       |             |  | 5    | 5.00      | 3.75            | 0.40              | 37.500            |
|       |             |  | 2    | 8.00      | 3.00            | 0.45              | 21.600            |
|       |             |  | 3    | 7.00      | 4.00            | 0.50              | 42.000            |
| 2     | 7TH KM      |  | 3    | 4.00      | 3.50            | 0.45              | 18.900            |
|       |             |  | 2    | 15.00     | 2.00            | 1.50              | 90.000            |
|       |             |  | 2    | 8.00      | 3.50            | 0.45              | 25.200            |
|       |             |  | 4    | 5.00      | 3.00            | 0.40              | 24.000            |
| 3     | 8THKM       |  | 5    | 5.00      | 3.75            | 0.45              | 42.188            |
|       |             |  | 1    | 7.00      | 3.50            | 0.42              | 10.290            |
|       |             |  | 2    | 6.00      | 3.75            | 0.50              | 22.500            |
|       |             |  | 2    | 7.00      | 4.00            | 0.40              | 22.400            |

Total qty in cum =

670.978

  
Junior Engineer

RWD (w) SUB Division  
ALAMNAGAR

  
Asstt. Engineer

RWD (w) SUB Division ALAMNAGAR

  
Executive Engineer

RWD (w) Division, Udakisunganj

Name of Road:-

Block :-

District:-

Madhepura

| Block :-<br>District:- |            |      | Madhepura |                 | Carriage Cost & Lead in Km |       |   |         |                   |           |      |   |         |   | Loading & Unloading Cost | Carriage Cost by Rail Head | Total    |           |           |
|------------------------|------------|------|-----------|-----------------|----------------------------|-------|---|---------|-------------------|-----------|------|---|---------|---|--------------------------|----------------------------|----------|-----------|-----------|
| Sl No                  | Item       | Unit | Source    | Pucka / Surface |                            |       |   |         | Kuchcha / Surface |           |      |   |         |   |                          |                            |          |           |           |
| 1                      | Brick Bats | Nos  | Local     | 3.60            | x                          | 18.58 | x | 5.00 Km | =                 | Rs 148.64 | 3.60 | x | 29.03   | x | 2.00 Km                  | =                          | Rs 92.90 | Rs 184.38 | Rs 425.92 |
|                        |            |      |           | 2.25            |                            |       |   |         |                   | 2.25      |      |   |         |   |                          |                            |          |           |           |
| 2                      | Local Sand | cum  | Local     | 3.60            | x                          | 18.58 | x | 2.00 Km | =                 | Rs 59.46  | 3.60 | x | 29.03   | x | 1.00 Km                  | =                          | Rs 46.45 | Rs 184.38 | Rs 290.29 |
|                        |            |      |           | 2.25            |                            |       |   |         |                   | 2.25      |      |   |         |   |                          |                            |          |           |           |
| 3                      | Bamboo     | Nos  | Local     | 3.6             | x                          | 18.58 | x | 2.00 Km | =                 | Rs 59.46  | 3.60 | x | 29.0805 | x | 1.00 Km                  | =                          | Rs 46.53 | Rs 184.38 | Rs 290.37 |
|                        |            |      |           | 2.25            |                            |       |   |         |                   | 2.25      |      |   |         |   |                          |                            |          |           |           |

\* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

| Type of Road          | Per Ton. Km by |
|-----------------------|----------------|
| For Surface Road      | Tractor        |
| Unsurface Gravel Road | 18.58          |
| Kachha Road           | 23.21          |
|                       | 29.03          |

*[Signature]*

Junior Engineer

*[Signature]*  
29/11/20

Asstt. Engineer

*[Signature]*

Executive Engineer

RWD (W) Division, Udaishunganj