

# GOVERNMENT OF BIHAR

## UNDER FLOOD DAMAGE REPAIR

### Estimate for Restoration of Traffic

|            |                |         |              |
|------------|----------------|---------|--------------|
| DISTRICT : | WEST CHAMPARAN | BLOCK : | NARKATIAGANJ |
|------------|----------------|---------|--------------|

YEAR(2020-2021)

|                |                      |
|----------------|----------------------|
| NAME OF ROAD : | REO ROAD TO BARGAJWA |
|----------------|----------------------|

|              |   |       |     |  |
|--------------|---|-------|-----|--|
| TOTAL LENGTH | : | 0.240 | KMS |  |
|--------------|---|-------|-----|--|

|                        |   |           |  |  |
|------------------------|---|-----------|--|--|
| COST OF PAVEMENT (RS.) | : | 573469.75 |  |  |
|------------------------|---|-----------|--|--|

|                          |   |           |  |  |
|--------------------------|---|-----------|--|--|
| TOTAL COST OF ROAD (RS.) | : | 573469.75 |  |  |
|--------------------------|---|-----------|--|--|

SUBMITTED BY

Executive Engineer RWD

Works Division, Narkatiaganj

## TECHNICAL REPORT

Name of Road :- REO Road to Bangajwa

Name of Block:- Narkatiaganj

Name of Division:- Narkatiaganj

Name of District:- West Champaran

Estimated Cost:- 5.73469 Lakh

Restoration Length:- 0.240 Km

This Estimate is prepared for Restoration of ..... REO Road ..... to ..... Bangajwa .....

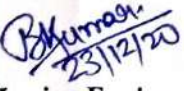
.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,  
ज्ञापांक:- मु0अ0 -4 (मु 0) विविध (कार्य) 23 -40 /16-2254 पटना, दिनांक 30.06.2020. Road remains effected  
from flooded about 01 to 02 weeks and heavy amount of water passed through it.

Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran  
Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the  
earliest so that public of this area may get connected and for the same Departmental instruction has also  
been issued to fill the gap made by flooded immediately.

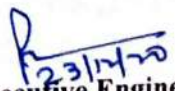
The area surrounding is submerged in water and hence provision of ..... Earthwork, .....  
..... Brick Bat ..... has been made to  
maintain the road damage due to flood/heavy rainfall as per availability of material from available place by  
tractor. Presently there is no Contractor is employed for Construction and Maintenance of this road hence  
the work has been carried out Departmentally and due to this, provision of Contractor profit is not  
mentioned in the estimate.

In view of above, it is requested to approve the estimate amounting to Rs. 5.73469 please.

Submitted for Technical Approval please.

  
23/12/20  
Junior Engineer,  
Narkatiaganj

  
23/12/20  
Assistant Engineer,  
Narkatiaganj

  
23/12/20  
Executive Engineer  
R.W.D.(W) Division, Narkatiaganj

# कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....954...../ बगहा-2, दिनांक-.....24/12/2020/

प्रेषक:-

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, बगहा-2।

सेवा में,

अधीक्षण अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य अंचल, बेतिया।

विषय:-

वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल कराने हेतु किये गये कार्यों की जाँच के संबंध में।

प्रसंग:-

भवदीय पत्रांक-1312/बेतिया, दिनांक-26.08.2020।

महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, नरकटियागंज द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अधोहस्ताक्षरी द्वारा सहायक अभियन्ता श्री दिगम्बर झा एवम् श्री नन्द किशोर साह के साथ निरीक्षण किया गया। निरीक्षण के दौरान कार्य प्रमंडल, नरकटियागंज द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है।

सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

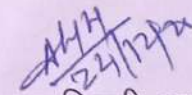
अनु०:- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,



(दिगम्बर झा)  
सहायक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2

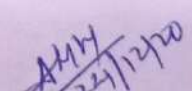
(नन्द किशोर साह)  
सहायक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2

  
(आनन्द बिहारी झा)  
कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2

ज्ञापांक-.....954...../बगहा-2 दिनांक-.....24/12/2020/

प्रतिलिपि:-

कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, नरकटियागंज को सूचनार्थ सम्प्रेषित।

  
कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2

|       |              |                                                              |        |                |
|-------|--------------|--------------------------------------------------------------|--------|----------------|
| 71    | Narkatiaganj | L022 to Rakhahi                                              | 0.302  | 4,15,914.00    |
| 72    | Narkatiaganj | Belwa to Sirisiya                                            | 0.446  | 12,52,033.00   |
| 73    | Narkatiaganj | Pokhariya to Trilokwa                                        | 0.315  | 9,10,369.00    |
| 74    | Narkatiaganj | REO Road to Bargajwa                                         | 0.24   | 5,73,469.00    |
| 75    | Narkatiaganj | Koirgaun to Rampur                                           | 0.076  | 15,53,505.00   |
| 76    | Narkatiaganj | Bargajwa me transformar Kabristan to Manjhi Sha ke Dukan tak | 0.28   | 6,74,805.00    |
| 77    | Narkatiaganj | Sathi to Bhashurari (Hichhopal)                              | 0.68   | 15,44,539.00   |
| 78    | Narkatiaganj | Semra Mandir to Pipra me Ramprawesh Ke ghar tak              | 0.22   | 3,10,358.00    |
| 79    | Narkatiaganj | Sikarpur to Malda                                            | 0.21   | 16,57,218.00   |
| Total |              |                                                              | 15.664 | 7,47,61,792.00 |

Himanshu  
OE

*R. 24/12/20*  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल नरफटियागंज

*AH 24/12/20*  
Executive Engineer  
RWD (W) Div., Bagaha-2

Name of Road: REO ROAD TO BARGAJWA  
District: WEST CHAMPARAN

Block: NARKATIAGANJ Length: 240,000 m  
Cutting length 240 M

| S. No. | SOR Item No. | Description                                                                                                                                                                                                                                                                          | No | Length (M) | Width (M) | H/D (M) | Qty.    | Unit | Rates (in Rs.) | Amount    |
|--------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------|-----------|---------|---------|------|----------------|-----------|
|        |              | <b>(B) EARTHWORK</b>                                                                                                                                                                                                                                                                 |    |            |           |         |         |      |                |           |
| 3      | 3.3          | Construction of Embankment with Material Obtained from Roadway cutting                                                                                                                                                                                                               |    |            |           |         |         |      |                |           |
|        |              | Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5 excluding C.P. |    |            |           |         |         |      |                |           |
|        |              | As per measurement                                                                                                                                                                                                                                                                   |    |            |           |         | 366.750 | Cum. | 25.32          | 9286.11   |
| 4      | RCD          | Placing Tractor at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip excluding C.P. including Carriage                                                                                                      |    |            |           |         |         |      |                |           |
|        |              | As per measurement                                                                                                                                                                                                                                                                   |    |            |           |         | 366.750 | cum  | 450.77         | 165321.03 |
| 5      | RCD          | Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge                                                                                                                                                                                     |    |            |           |         |         |      |                |           |
|        |              | As per measurement                                                                                                                                                                                                                                                                   |    |            |           |         | 184.95  | cum  | 1703.77        | 315112.93 |
|        |              | Total Road work                                                                                                                                                                                                                                                                      |    |            |           |         |         |      |                | 489720.07 |
|        |              | Say Rs. (Lac)                                                                                                                                                                                                                                                                        |    |            |           |         |         |      |                | 489720.07 |
|        |              | Add GST @12%                                                                                                                                                                                                                                                                         |    |            |           |         |         |      |                | 58766.41  |
|        |              | Add Labour Cess @1%                                                                                                                                                                                                                                                                  |    |            |           |         |         |      |                | 4897.20   |
|        |              | Add Seignrage Fee@10% of basic material rate                                                                                                                                                                                                                                         |    |            |           |         |         |      |                | 20086.07  |
|        |              | Total Cost of work                                                                                                                                                                                                                                                                   |    |            |           |         |         |      |                | 573469.75 |

*[Signature]*  
23/12/2020  
J.E.

*[Signature]*  
23/12/2020  
J.E.

*[Signature]*  
23/12/2020  
E.E.

Technically approved for Amount ₹ 5,73,470.00 (Five  
lacs seventy three thousand four hundred seventy) only

  
31.12.22  
Superintendent Engineer  
Rural Works Department  
Works Circle, Bettiah  
Govt. of Bihar

  
28/12/22

**Detailed Measurement(EARTHWORK)**

| No    | L(m) | W(m)              | D(m)               | Qty(cum) |
|-------|------|-------------------|--------------------|----------|
| 1     | 50   | $(1.4+2.0)/2$     | $(1.5+2.5)/2$      | 170.000  |
| 2     | 40   | $(1.0+1.5+2.0)/3$ | $(1.0+1.25+1.5)/3$ | 150.000  |
| 3     | 20   | $(1.0+1.5)/2$     | $(0.60+0.30)/2$    | 33.750   |
| 5     | 10   | $(0.5+0.8)/2$     | $(0.60+0.2)/2$     | 13.000   |
| TOTAL | 240  |                   |                    | 366.75   |

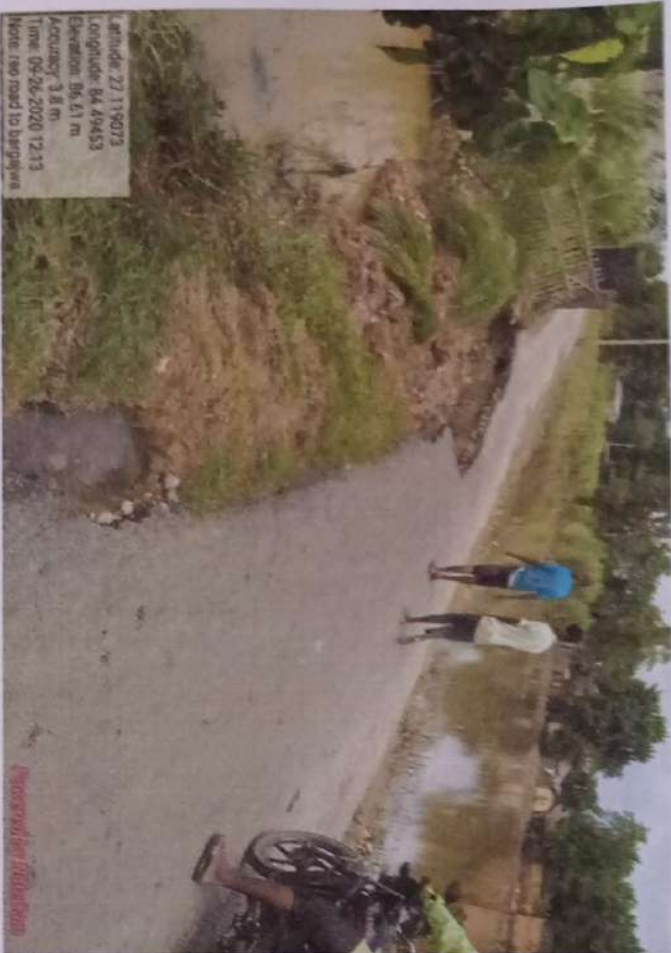
**Detailed Measurement(BRICKBAT)**

| No    | L(m) | W(m)               | D(m)              | Qty(cum) |
|-------|------|--------------------|-------------------|----------|
| 1     | 20   | $(2.5+3.0)/2$      | $(1.0+1.5+2.0)/2$ | 123.75   |
| 1     | 40   | $(2.0+2.25+2.5)/2$ | $(0.60+0.30)/2$   | 61.200   |
| TOTAL |      |                    |                   | 184.95   |

*Bhuvan*  
23/12/2020  
JE

*Prasanna*  
23/12/2020  
AE

*P*  
23/12/2020  
EE



Latitude: 27.119073  
Longitude: 84.49453  
Elevation: 86.61 m  
Accuracy: 3.8 m  
Time: 09-26-2020 12:13  
Note: (so road to bargajwa)

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Latitude: 27.119271  
Longitude: 84.494399  
Elevation: 87.16 m  
Accuracy: 3.8 m  
Time: 09-26-2020 12:20  
Note: (so road to bargajwa)

Powered by Huawei



Latitude: 27.119227  
Longitude: 84.494425  
Elevation: 87.91 m  
Accuracy: 3.8 m  
Time: 09-26-2020 12:20  
Note: (so road to bargajwa)

Powered by Huawei



Latitude: 27.119227  
Longitude: 84.494425  
Elevation: 87.91 m  
Accuracy: 3.8 m  
Time: 09-26-2020 12:20  
Note: (so road to bargajwa)

Powered by Huawei

23/12/2020  
AE

23/12/20  
J.R