

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE - R.W.D Works Circle, Chapra

DIVISION - R.W.D Works Division, Marhaura

Name of Work - Restoration/Mottrable of Road from **TEJPURWA**
SE AWARI

Block

MARHAURA

Estimated Cost - Rs

218589/-
561441/-

2020-21

130

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - *E.E.R.W.D (W) Division Marhaura.*

2. Name of Block/Road - *Marhaura.*

A. For Road *Fajpurwa Se Awar*

1. Damage Location/Chainage : *450, 1600, 3700, 2800, 6500, 6700, 6800, 7000*

2. Damage Length : *7.192 K.M*

3. Nature of Damage :

4. Details of Restoration Works : *cut in road*

- Material being used in Restoration works :
- Equipments/Tools being used in Restoration works:
- Procedure taken up in Restoration works :
- Restored Length :

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration Works :

- Material being used in Restoration works : *bridge babs, 1/sand*
- Equipments/Tools being used in Restoration works: *roller, tractor, bullock cart*
- Procedure taken up in Restoration works :
- Restored Length :

C. Requirement of new CD/Bridge

- Name of Road :
- Location/Chainage :
- Type of CD work/Length required :

- Upload one Photograph of damaged portion if available
- Attach minimum two photograph (during restoration & after restoration) photographs should be Geotags and at least one photo be captured in selfie mode.

Signature of JE/AE/EE

Signature

(Name of Inspector)

प्रतिवेदन

कार्य का नाम :-

मार्ग ३२११ के अगरी

प्रकार :-

PUR

प्राक्कलित राशि :-

₹ 61,511

प्रखण्ड का नाम :-

मदौरा

जिला-सारण।

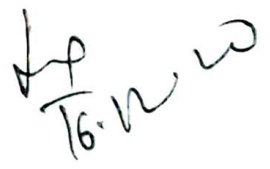
प्रस्तुत प्राक्कलन शीर्ष PMGSY/MMGSY/GTSNY/NABARD/MR-3054 अंतर्गत निर्मित/निर्माणाधीन पथ के गत महीने में इस जिला में आये बाढ़/अर्ध-वर्षिक के कारण अतिग्रस्त हुए पथों को चलने लायक (Motorable) बनाने हेतु दिशा-निर्देशानुसार कार्यपालक अभियंता, ग्रा०का०वि०, कार्य प्रमंडल, मदौरा के दिशा-निर्देशन में कुल रु० ~~₹ 61,511~~ के लिए तैयार किया गया है।

आवश्यकतानुसार तत्काल प्रभाव से पथों को चलने लायक बनाने हेतु प्राक्कलन में Bricks Bats, Sand Bag, Hume-Pipe इत्यादी का प्रावधान आवश्यक लम्बाई, चौड़ाई एवं मोटाई में प्राक्कलन के अनुसार प्रावधान किया गया है।

योजना एवं कार्य की महत्ता के साथ-साथ जनहित के लिए अतिउपयोगी प्राक्कलन को कार्यहित में स्वीकृति हेतु प्रस्तुत किया जा रहा है।


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मदौरा।


15/12/20
R


16.12.20

ABSTRACT OF COST

Name of Work - Restoration/Maintenance of Road in TEJPURWA
SE AWARI

Block - MARHAURA

	Particulars	Amount(In Rs)
A	Cost of Restoration Work	Rs 4,96,824 = 1,93,442/-
B	Add 12% GST on (A)	Rs 5,96,19 = 2,32,13/-
C	Add 1% L.Cess on (A)	Rs 4,968 = 1,934/-
	Total Cost	Rs 5,61,911 = 2,18,589/-

Say Rs 2,18,589/-

[Signature]
 J.E.
 15/12/20

J.E.

RWD

[Signature]
 A.E.
 15/12/20

A.E.

RWD

Marhaura

[Signature]
 E.E.
 16/12

E.E.

RWD

Marhaura

T/A for Rs 2,18,589 = 0 (Rupees two lac - eighteen thousand five hundred - eighty nine) only.

[Signature]
 S.E.
 12-12-20

S.E.

RWD (w/ circle)
 Chapra

Detailed Estimate

Name of work :- Fejplurwa se Awam

[illegible]

J.E
RWD
Marhaura

A.E
R.W.D
Marhaura

E.E
R.W.D
Marhaura

ANALYSIS FOR CARRIAGE OF MATERIAL

(A) Name of the Work :- Motrable of Road from AMNOR MADHORA PATH TO DAKSHIN DHARMPUR TAK

(B) Haulage Charge By 8 T Capacity Truck

- (i) For Surface Road :- Rs. 7.52 Per t per K.M
 (ii) For Unsurface Toad :- Rs. 9.04 Per t per K.M
 (iii) For Kutcha Road :- Rs. 18.19 Per t per K.M

1 CARRIAGE COST OF BAMBOO 62 MM TO 75 MM OF 6 To 8 M LONG

Lead as per Quarry Chart :- 5 P + 5 K

$$\text{Haulage Cost} = \frac{8}{3.00} \times [(7.52 \times 5.00) + (18.19 \times 5.00)] = 206.09$$

Loading & Unloading =

$$\begin{aligned} &= \frac{2224.00}{2430.09} \\ \text{Total per \% Nos} &= 2430.09 \\ \text{Total per m} &= 3.47 \end{aligned}$$

2 CARRIAGE COST OF STONE BOULDER

Lead as per Quarry Chart :- 180 P + 0 K

$$\text{Haulage Cost} = \frac{8}{4.80} \times [(7.52 \times 180.00) + (18.19 \times 0.00)] = 2256.00$$

Loading & Unloading =

$$\text{Total per M}^3 = 2452.13$$

3 CARRIAGE COST OF GSB Material

Lead as per Quarry Chart :- 180 P + 0 K

$$\text{Haulage Cost} = \frac{8}{4.99} \times [(7.52 \times 180.00) + (18.19 \times 0.00)] = 2170.10$$

Loading & Unloading =

$$\text{Total per M}^3 = 2366.23$$

4 CARRIAGE COST OF HUME PIPE (1000 MM DIA)

Lead as per Quarry Chart :- 55 P + 0 K

$$\text{Haulage Cost} = \frac{8}{22.5} \times [(7.52 \times 55.00) + (18.19 \times 0.00)] = 330.88$$

Loading & Unloading =

$$\text{Total per M} = \frac{76.58}{407.46}$$

5 CARRIAGE COST OF HUME PIPE (600 MM DIA)

Lead as per Quarry Chart :- 55 P + 0 K

$$\text{Haulage Cost} = \frac{8}{52.50} \times [(7.52 \times 55.00) + (18.19 \times 0.00)] = 63.02$$

Loading & Unloading =

$$\text{Total per M} = \frac{32.82}{95.84}$$

C) Haulage Charge By 3.60 t Tractor capacity

- (i) For Surface Road :- Rs. 18.70 Per t per K.M
(ii) For Unsurface Toad :- Rs. 23.30 Per t per K.M
(iii) For Kutcha Road :- Rs. 29.20 Per t per K.M

1 CARRIAGE COST OF BRICK BAT

Lead as per Quarry Chart :- 7 P + 1 K

$$\text{Haulage Cost} = \frac{3.60}{2.25} \times [(18.70 \times 7.00) + (29.20 \times 1.00)] = 256.16$$

$$\text{Unloading} = \quad \quad \quad = \quad \quad \quad = \frac{65.38}{\text{Total per 1000 Nos.} = 321.54}$$

2 CARRIAGE COST OF LOCAL SAND

Lead as per Quarry Chart :- 2 P + 1 K

$$\text{Haulage Cost} = \frac{3.60}{2.25} \times [(18.70 \times 2.00) + (29.20 \times 1.00)] = 106.56$$

$$\text{Unloading} = \quad \quad \quad = \quad \quad \quad = \frac{40.81}{\text{Total per M}^3 = 147.37}$$

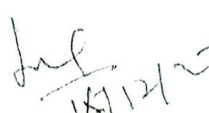
3 CARRIAGE COST OF STEEL

Lead as per Quarry Chart :- 5 P + 0 K

$$\text{Haulage Cost} = \frac{3.60}{3.60} \times [(18.70 \times 5.00) + (29.20 \times 0.00)] = 93.50$$

$$\text{Loading \& Unloading} = \quad \quad \quad = \quad \quad \quad = \frac{325.46}{\text{Total per Mt} = 418.96}$$


J.E
RWD
Marhaura


A.E
R.W.D
Marhaura

E.E
R.W.D
Marhaura

SUMMARY OF CARRIAGE COST OF MATERIAL

Mottrable of Road from AMNOR MADHORA PATH TO DAKSHIN DHARMAMPUR TAK

Name of work :-

S.I No.	Name of material	Unit	Source	Mode of Transport	Carriage Charge by Road	Total Carriage up to site
1	2	3	4	5	7	8
1	Bricks Bats	per m ³	Local Kiln	By Road	321.54	321.54
2	Fine sand	per m ³	Local source	By Road	147.37	147.37
3	Steel	per mt	Local	By Road	418.96	418.96
4	Boulder	per m ³	Sheikhpura	By Road	2452.13	2452.13
5	Stone metal <50 mm	per m ³	Sheikhpura	By Road	2366.23	2366.23
6	Hume pipe (1000 mm dia)	Per metre	Hajipur	By Road	407.46	407.46
7	Hume pipe (600 mm dia)	Per metre	Hajipur	By Road	95.84	95.84
8	Bamboo of 62 to 75 mm dia	Per metre	Local	By Road	3.47	3.47

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