

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D. works Circle, Chapra

DIVISION – R.W.D. works Division, Marhaura

Name of Work - Restoration/Motrable of Road from HARANDGER
Roy ke GHAR SE J. J. I. T. I HOYE HOYE BAIJNATH
RAY GUPTA KE GHAR TAK.

Block - Marhaura

Estimated cost - Rs ~~442315/-~~ 499,816/- 499816/-

Year : 2020-21

M.B-136

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - *EE RWD (w) MABHODA*
2. Name of Block/Road - *MABHODA*
- A. For Road** *MABHODA ROY KE GHAR SE 30171 MOTI HOYE*
BAUMATH GOSTA KE GHAR TAK
 1. Damage Location/Chainage : *0, 350, 400, 500, 530*
 2. Damage Length : *167M*
 3. Nature of Damage : *cut in road*
 4. Details of Restoration Works :
 - i. Material being used in Restoration works : *brick baly, 1/5 sand.*
 - ii. Equipments/Tools being used in Restoration works : *Tractor, Tolly, Roller & etc*
 - iii. Procedure taken up in Restoration works : *laying, rolling & etc*
 - iv. Restored Length : *167M*

B. For Bridge

1. Damage Location/Chainage :
2. Damage Length :
3. Nature of Damage :
4. Details of Restoration Works :
 - i. Material being used in Restoration works :
 - ii. Equipments/Tools being used in Restoration works :
 - iii. Procedure taken up in Restoration works :
 - iv. Restored Length :

C. Requirement of new CD/Bridge

- i. Name of Road :
- ii. Location/Chainage :
- iii. 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

28/11/20
28/11/20
28/11/20

Signature

28/11/20

(Name of Inspector)

प्रतिवेदन

कार्य का नाम :- ड्रेनैजेशन ड्रिपिंग एट द डेवेलोपिंग एंड मैनेजिंग एंड एट एंड

शीर्ष

FDR

प्राक्कलित राशि:-

44,99,816/-

प्रत्युद्घ का नाम:-

अर्द्धेरी

जिला-सारण।

प्रस्तुत प्राक्कलन शीर्ष PMGSY/MMGSY/GTSNY/NABARD/MR-3054 अर्तगत निर्मित/निर्माणधीन पथ के गत महीने में इस जिला में आये बाढ़/अतिवृष्टि के कारण क्षतिग्रस्त हुए पथों को चलने लायक (Molable) बनाने हेतु निम्नलिखित दिशा-निर्देशानुसार कार्यपालक अभियंता ग्रा0का0वि0 कार्य प्रमंडल मंदौरा के दिशा-निर्देशन में कुल रु0 44,99,816/- के लिए तैयार किया गया है।

आवश्यकतानुसार तत्काल प्रभाव से पथों को चलने लायक बनाने हेतु प्राक्कलन में Bricks Bats, Sand Bag, Humre-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,

ग्रामोचना कार्य विभाग,

कार्य प्रमंडल, मंदौरा।

15/11/20

16/11/20

ABSTRACT OF COST

Name of Work - Restoration/Maintenance of Road from HARANDER ROY
KE GHAR SE JI 17.1 MTE HOYE RAJNATH GUPTA
KE GHAR TAK
Block -
MARHORA

	Particulars	Amount(In Rs)
A	Cost of Restoration Work	Rs 442315 =
B	Add 12% GST on (A)	Rs 53078 =
C	Add 1% L.Cess on (A)	Rs 4423 =
	Total Cost	Rs 4,99,816 =

Eqg. A 4,99,816 =

E 15/11/20

A.E

E.E 16/12

RWD

RWD

RWD

Marhaura

Marhaura

T/A for Rs. 4,99,816 = 00 (Rupees four lac ninety nine thousand eight hundred & sixteen) only.

SE
RWD (US Circle)
Chapra

ame of work

J.E
RWD
Marhaura

2/15/20

16/12

ANALYSIS FOR CARRIAGE OF MATERIAL

A) Name of the Work :- Motrable of Road from Narohanee to Jamalpur

B) Haulage Charge By 8 T Capacity Truck

- (i) For Surface Road :- Rs. 7.52 Per t per K.M
- (ii) For Unsurface Road :- 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 =

$$\begin{aligned} &= \frac{76.58}{407.46} \\ \text{Total per M} &= 407.46 \end{aligned}$$

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 =

$$\begin{aligned} &= \frac{32.82}{95.84} \\ \text{Total per M} &= 95.84 \end{aligned}$$

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

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

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

2 CARRIAGE COST OF LOCAL SAND

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

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

Unloading = $\frac{40.81}{147.37}$
Total per M³ = 147.37

3 CARRIAGE COST OF STEEL

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

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

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

Handwritten signature

J.E
RWD
Marhaura

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