

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D. works Circle, Chapra

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

Name of Work - Motrable of Road from CHHAPRA MADHORA
PATH TO UTTAR TOLA TAK

Block - Marhaura

Estimated cost - Rs 3,12,739.00

Year : 2020-21

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - E.G. P.W.D (W) Marhara

2. Name of Block/Road - Marhara

A. For Road chakra Marhara patta to Uttar talai fall.

1. Damage Location/Chainage : 70, 110, 140, 230, 560, 760, 840, 1000

2. Damage Length : 95M

3. Nature of Damage :

4. Details of Restoration Works : at m road

i. Material being used in Restoration works : brick bat, L/Sand

ii. Equipments/Tools being used in Restoration works: Roller, Fracto, Fally e.t.c

iii. Procedure taken up in Restoration works : Layer, Spreading e.t.c

iv. Restored Length : 95M

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

Signature

(Name of Inspector)

प्रतिवेदन

कार्य का नाम :- ६५२१ मढ़ौरा पन्हा ले ३४२ रोलर नं०

शीर्ष :- FDR

प्राक्कलित राशि:- ३,१२,७३९=

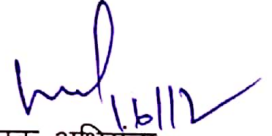
प्रखण्ड का नाम:- Marhaura

जिला-सारण।

प्रस्तुत प्राक्कलन शीर्ष PMGSY/MMGSY/GTSNY/NABARD/MR-3054 अर्तगत निर्मित/निर्माणाधीन पथ के गत महीने में इस जिला में आये बाढ़/अतिवृष्टि के कारण क्षतिग्रस्त हुए पथों को चलने लायक (Motarable) बनाने हेतु विभागीय दिशा-निर्देशानुसार कार्यपालक अभियंता, ग्रा०का०वि०, कार्य प्रमंडल मढ़ौरा के दिशा-निर्देशन में कुल रु० ३,१२,७३९= 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, मढ़ौरा।


15/11/20


16/11/20

ABSTRACT OF COST

Name of Work - Motrable of Road from CHHAPRA MADHORA PATH TO UTTAR TOLA
TAK

Block - Marhaura

S.L No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work	Rs 276760.00
B	Add 12 % GST on (A)	Rs 33211.00
C	Add 1 % L. Cess on (A)	Rs 2768.00
	Total Cost	Rs 312739.00

Say - Rs 3,12,739 = 00

J.E
RWD
Marhaura

15/12/20

A.E
R.W.D
Marhaura

16/12/20

E.E
R.W.D
Marhaura

16/12

T/A for Rs. 3,12,739 = 00 (Rupees three lac twelve -
thousand seven hundred thirty nine) only.

15/12/20
SE.
RWD (W) Local
Chapra.

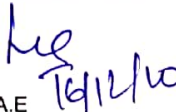
Name of work :-

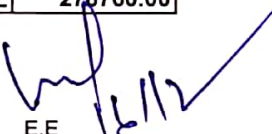
Detailed Estimate

Mottrable of Road from CHHAPRA MADHORA PATH TO UTTAR TOLA TAK

SI No	Item	No	Length	Width	Avg.H/D	Qty	Unit	Rate	Amount
1	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	10.00	1.50	0.45	6.75			
		1	7.00	2.00	0.52	7.28			
		1	10.00	1.50	0.76	11.40			
		2	20.00	1.50	0.61	36.60			
		1	20.00	2.50	0.87	43.50			
		1	15.00	2.50	0.34	12.75			
		1	8.00	2.00	0.78	12.48			
		1	5.00	2.50	0.69	8.63			
		Total					139.39	cum	1909.87
2	Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	10.00	1.50	0.10	1.50			
		1	7.00	2.00	0.10	1.40			
		1	10.00	1.50	0.10	1.50			
		2	20.00	1.50	0.10	6.00			
		1	20.00	2.50	0.10	5.00			
		1	15.00	2.50	0.10	3.75			
		1	8.00	2.00	0.10	1.60			
		1	5.00	2.50	0.10	1.25			
		Total					22.00	cum	479.27
TOTAL								276760.00	


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ANALYSIS FOR CARRIAGE OF MATERIAL

(A) Name of the Work :- Motrable of Road from CHHAPRA MADHORA PATH TO UTTAR TOLA 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

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

$$\text{Loading & Unloading} = 196.13$$

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

3 CARRIAGE COST OF GSB Material

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

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

$$\text{Loading & Unloading} = 196.13$$

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

4 CARRIAGE COST OF HUME PIPE (1000 MM DIA)

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

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

$$\text{Loading & Unloading} = 76.58$$

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

5 CARRIAGE COST OF HUME PIPE (600 MM DIA)

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

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

$$\text{Loading & Unloading} = 32.82$$

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

(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

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

$$\text{Unloading} = \quad \quad \quad = \quad \quad \quad = 65.38$$

$$\text{Total per 1000 Nos.} = 321.54$$

2 CARRIAGE COST OF LOCAL SAND

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

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

$$\text{Unloading} = \quad \quad \quad = \quad \quad \quad = 40.81$$

$$\text{Total per M}^3 = 147.37$$

3 CARRIAGE COST OF STEEL


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

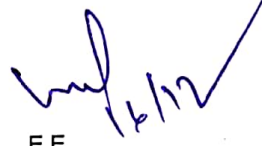
$$\text{Haulage Cost} = \frac{3.60}{3.60} \times [(18.70 \times 5.00) + (29.20 \times 0.00)] = 93.50$$

$$\text{Loading \& Unloading} = \quad \quad \quad = \quad \quad \quad = 325.46$$

$$\text{Total per Mt} = 418.96$$


18/11/20
J.E
RWD
Marhaura


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R.W.D
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Marhaura