

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
KOHOLWA P.M.G.S. to Jamalpur

Block –

Estimated Cost - Rs 7,55,869=

2020-21

Inspection Report for Flood Damage Work

Date:

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

2. Name of Block/Road - Marhara

A. For Road KOLUWA P.M. G.S.Y Path to Jamalpur

1. Damage Location/Chainage : 1600, 1675, 1700, 1750

2. Damage Length : 46 M

3. Nature of Damage :

4. Details of Restoration Works : cut in Road

i. Material being used in Restoration works : bricks bath, L/Sand

ii. Equipments/Tools being used in Restoration works : Tractor, Pully, Roller etc

iii. Procedure taken up in Restoration works : Lapp, Sperry etc

iv. Restored Length : 46 M

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

का नाम :-

कोरडुआ P.M.C.S.Y के कमालपुर

PUR

कलित राशि:-

7,55,869:-

पड का नाम:-

मदीय

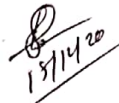
जिला-सारण।

प्रस्तुत प्राक्कलन शीर्ष PMGSY/MMGSY/GTSNY/NABARD/MR-3054 गत निर्मित/निर्माणाधीन पथ के गत महीने में इस जिला में आवे बाढ़/अतिकृष्टि के ण क्षतिग्रस्त हुए पथों को चलने लायक (Motarable) बनाने हेतु विभागीय ग-निर्देशानुसार कार्यपालक अभियंता, ग्रा0का0वि0, कार्य प्रमंडल मदीरा के ग-निर्देशन में कुल रु0 7,55,869:- के लिए तैयार किया गया है।

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

योजना एवं कार्य की नइता के साथ-साथ जनहित के लिए अतिप्रयोगी कलन को कार्यहित में स्वीकृति हेतु प्रस्तुत किया जा रहा है।


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


18/11/20


16.12.20

ABSTRACT OF COST

Name of Work -- Restoration/Mottrable of Road from KOTHOLWA
P.M.G.S.Y to Jamalpur.

ock --

Marhaura

No.	Particulars	Amount(In Rs)
A	Cost of Restoration Work	Rs 6,68,911 =
B	Add 12% GST on (A)	Rs 80,269 =
C	Add 1% L.Cess on (A)	Rs 6689 =
	Total Cost	Rs 7,55,869 =

Say - Rs. 7.55,869 = 00

E

WD

15/12/20
28

A.E

RWD

Marhaura

E.E

RWD

Marhaura

Technically approved for Rs 7.55,869 = 00 (Rupees Seven-
Lac fifty five thousand eight hundred sixty nine) only.

15/12/20
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Chapra

Detailed Estimate

of Work - Restoration/Mottrable of Road from

Item	S.No	Length	Width	Avg.H/D	Qty	Unit	Rate	Amount
Providing laying and spreading brick bats in road ditches all complete as per approved design, in specification and direction of E/L	1	15	6.5	1.10	107.25	M ³		
	2	15	5	2.0	150.0			
	3	7	5.3	1.0	37.1			
	4	9	5.0	1.10	49.5			
	Total					343.85	Cum	1909.87
Filling and spreading local sand over brick bats as per drawing and technical specification Clause 303.5.9	1	15	6.5	1.100	9.75			
	2	15	5	1.100	7.5			
	3	7	5.3	1.100	3.71			
	4	9	5.0	1.100	4.5			
	Total					25.46	Cum	479.27
TOTAL							668,911 =	

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RWD
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Marhaura

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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 =

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

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 =

$$\begin{aligned} &= 196.13 \\ \text{Total per M}^3 &= 2452.13 \end{aligned}$$

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 =

$$\begin{aligned} &= 196.13 \\ \text{Total per M}^3 &= 2366.23 \end{aligned}$$

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 =

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

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 =

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

Haulage Charge By 3.60 t Tractor capacity

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

CARRIAGE COST OF BRICK BAT

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

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

Unloading =

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

CARRIAGE COST OF LOCAL SAND

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

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

Unloading =

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

CARRIAGE COST OF STEEL

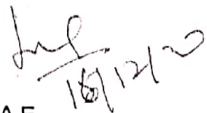
Lead as per Quarry Chart :- 5 P + 0 K

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

Loading & Unloading =

$$\text{Total per Mt} = \frac{325.46}{418.96}$$


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