

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 Bagahee kuwari PMGSY path to Amanaur REO path

Block - Amnaur

Estimated cost - Rs 87456.00

Year : 2020-21

प्रतिवेदन

कार्य का नाम :- *Motable Road from Baghke Kuanan P4G54 Path to*
शीर्ष :- FDR *Amroher RFO Road.*

प्राक्कलित राशि:- 87456/-

प्रखण्ड का नाम:- अमनौर

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 (Motable) बनाने हेतु विभागीय दिशा-निर्देशानुसार कार्यपालक अभियंता, ग्रा0का0वि0, कार्य प्रमंडल मढ़ौरा के दिशा-निर्देशन में कुल रु0 87456/- 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।

25/11/20
J.B. Am.

25/11/20
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, मढ़ौरा।

Inspection Report for Flood damage work

Date:

1. Name of PIUs- E. E. R. W. D. (W) Moh-hous.

2. Name of Block/Road- ^{Annexure -} Moh-hous of Road from Bygches Kuanani P4457

A. For Road Path to Ananous RBO Path.

1. Damage Location/Chainage :- 230, 295.
2. Damage Length : 114.
3. Nature of Damage : Road cutting due to Flood.

4. Details of Restoration :
i Material being used in Restoration : Bricks, Sand, etc.
ii Equipment/Tools being used in Restoration works: Rakes, Trenches, Tool (yoke)
iii Procedure taken up in Restoration works : Damping, laying, Rake
iv Restored Length : 114.

B. For Bridge

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

Signature of JE/AE/EE

Signature

Er. Atchilesh Kumar
(Name of Inspector)

EE

RWD (W) Division
SONEPUR.

ABSTRACT OF COST

Name of Work - Motrable of Road from Bagahee kuwari PMGSY path to Amanaur REO path

Block - Amnaur

S.L No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work	Rs 77395.00
B	Add 12 % GST on (A)	Rs 9287.00
C	Add 1 % L Cess on (A)	Rs 774.00
	Total Cost	Rs 87456.00

[Signature]
25/11/20

J E
RWD
mnaur

[Signature]
25/11/20

A E
R.W.D
Amnaur

[Signature]
25/11/20

E E
R.W.D
Marhaura

T/A for Rs 87,456 = ∞ (Rupees eighty seven thousand four-hundred fifty six) only.

[Signature]
25/12/20

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, छपरा

Name of work :-

Detailed Estimate

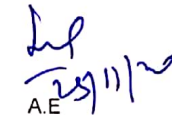
Mottrable of Road from Bagahee kuwari PMGSY path to Amanaur REO path

nrRG

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	3.00	4.00	1.52	18.24			
		1	8.00	3.50	0.76	21.28			
		Total					39.52	cum	1909.87
2	Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	3.00	4.00	0.10	1.20			
		1	8.00	3.50	0.10	2.80			
		Total					4.00	cum	479.27
TOTAL									77395.00



J.E
RWD
Amnaur



A.E
R.W.D
Amnaur



E.E
R.W.D
Marhaura

ANALYSIS FOR CARRIAGE OF MATERIAL

(A) Name of the Work :- Restoration/Mottrable of Road from Bagahee kuwari PMGSY path to Amanaur REO path

(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 =

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

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 =

$$= 196.13$$

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

3 CARRIAGE COST OF GSB Material

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

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

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

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

Loading & Unloading =

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

5 CARRIAGE COST OF HUME PIPE (600 MM DIA)

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

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

Loading & Unloading =

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

(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

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

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

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

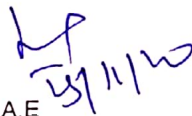
$$\text{Haulage Cost} = \frac{3.60}{3.60} \times [(18.70 \times 5.00) + (29.20 \times 0.00)] = 93.50$$

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



J.E
RWD
Marhaura

Marhaura



A.E
R.W.D
Marhaura



E.E
R.W.D
Marhaura