

प्रतिवेदन

कार्य का नाम :- *Motardable Road from Rajsupur Near to house of Kalamdeo Sahi*
शीर्ष :- FDR
प्राक्कलित राशि :- *849171/-*
प्रखण्ड का नाम :- *अमरगौर* 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, ग्रा0का0वि0, कार्य प्रमंडल मदीरा के दिशा-निर्देशन में कुल रु0 *849171/-* 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।

[Signature]
10/12/20

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

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - Mataab E.E. R.W.D.(W) Marhaura.
2. Name of Block/Road - Amnour - Mataab of Road from Rajapur Hari to house of Kalamah Sadvi

A. For Road

1. Damage Location/Chainage : 025, 172, 296, 328.
2. Damage Length : 76.32 M.
3. Nature of Damage : Road cutting due to flood.
4. Details of Restoration Works :
 - i. Material being used in Restoration works : Barle bests of Sand.
 - ii. Equipments/Tools being used in Restoration works: Tractor, Roller, etc. - Cap.
 - iii. Procedure taken up in Restoration works : Barle, SI laying, spreading etc. -
 - iv. Restored Length : 76.32

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)

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D Works Circle, Chapra

DIVISION – R.W.D Works Division, Marhaura

Name of Work – Motorable of Road from Rajjupur Nari to House of Kalamdeo Sahni.

Block - Amnaur

Estimated Cost – Rs 849191.00

2020-21

ABSTRACT OF COST

e of Work – Motorable of Road from Rajjupur Nari to House of Kalamdeo Sahni.

ck – Amnaur

Sl No.	Particulars	Amount(In Rs)
A	Cost of Restoration Work	Rs 751496.00
B	Add 12% GST on (A)	Rs 90180.00
C	Add 1% L.Cess on (A)	Rs 7515.00
	Total Cost	Rs 849191.00


J.E.

RWD

Amnaur


A.E.

RWD

Amnaur


E.E.

RWD

Marhaura

T/A for Rs 8,49,191. (Rupees Eight Lacs Fourty nine thousand One hundred ninety one only).


10.12.20
S.E.

Detailed Estimate

Name of Work - Motorable of Road from Rajjupur Nari to House of Kalamdeo Sahni

Sl.No.	Item	S No	Length	Width	Avg.H/D	Qnty	Unit	Rate	Amount
1	Providing laying and spreading brick bats in road ditches all complete as per approved design, specification and direction of E/I.	1	16.42	3.75	1.40	86.21			
		1	18.25	3.80	1.25	86.69			
		1	22.15	3.82	1.20	101.54			
		1	19.50	3.70	1.55	111.83			
		Total					386.26	Cum	1909.87
2	Filling and spreading local sand over brick bats as per drawing and technical specification Clause 303.5.9	1	16.42	3.75	0.10	6.16			
		1	18.25	3.80	0.10	6.94			
		1	22.15	3.82	0.10	8.46			
		1	19.50	3.70	0.10	7.22			
		Total					28.77	Cum	479.27
TOTAL									751496

RWD
Arinnaur

RWD
Arinnaur

E.E
RWD
Marhaura

(C) 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

1 CARRIAGE COST OF BRICK BAT

Lead as per Quarry Chart - 7 P + 1 K

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

Unloading =

= 65.38

Total per 1000 Nos. = 321.54

2 CARRIAGE COST OF LOCAL SAND

Lead as per Quarry Chart - 2 P + 1 K

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

Unloading =

= 40.81

Total per M³ = 147.37

3 CARRIAGE COST OF STEEL

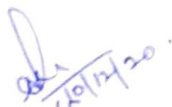
Lead as per Quarry Chart - 5 P + 0 K

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

Loading & Unloading =

= 325.46

Total per Mt = 418.96


J.E.
RWD
Marhaura


A.E.
RWD
Marhaura

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RWD
Marhaura

SUMMARY OF CARRIAGE COST OF MATERIAL

Name of work :-

Restoration/Mottrable of Road from Apahar to kharagewa

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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