



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Works Division-Marhaura

FDR

(2020-2021)

NAME OF WORK	Motorable of Road From L065 Belaur To Panchayat Bhawan Rajput Tola Chamar Tola Primary School Singhi Hote Huye Simrah Tak		
DISTRIC	Saran		
BLOCK	Panapur		
LENGTH OF ROAD	3.505	KM	
ESTIMATED COST	24.714	Lac	

प्रतिवेदन

कार्य का नाम :- एल065 बेलौर से पंचायत भवन राजपुत टोला चमार टोला प्राथमिक विधायलय सिंगही होते हुए सेमराह तक।

शीर्ष :- FDR

प्राक्कलित राशि:-24.714 लाख।

प्रखण्ड का नाम:- पानापुर

पथ की लम्बाई:-3.505 कि०मी०

जिला-सारण।

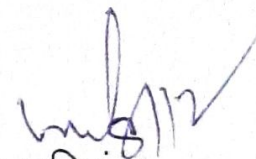
प्रस्तुत प्राक्कलन शीर्ष PMGSY/MMGSY/GTSNY/NABARD/MR-3054 अर्तगत निर्मित/निर्माणाधीन पथ के गत महीने में इस जिला में आये बाढ़/अतिवृष्टि के कारण क्षतिग्रस्त हुए पथों को चलने लायक (Motarable) बनाने हेतु विभागीय दिशा-निर्देशानुसार कार्यपालक अभियंता, ग्रा०का०वि०, कार्य प्रमंडल मढ़ौरा के दिशा-निर्देशन में कुल रु० 24.714 लाख 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।


4.12.20
कनीय अभियंता


04/12/20
सहायक अभियंत


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

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - EE RWD WORKS DIVISION Marhaura

2. Name of Block/Road - Motorable of Road from L65 Belaur
to Panchayat Bhawan. Roput tola chaur
Tola primary school Singhote Hujra Simrahtek

A. For Road

1. Damage Location/Chainage : 0.400, 0.700, 0.900, 1.000, 1.2000, 1.700, 1.820
2. Damage Length : 2.100, 2.150, 2.900, 2.850, 3.050 km
3. Nature of Damage : 418 m
4. Details of Restoration Works :

- i. Material being used in Restoration works : Brick Bat
- ii. Equipments/Tools being used in Restoration works : J.C.B, Tractor, Roller, Trolley &
- iii. Procedure taken up in Restoration works : Brick Bat
- iv. Restored Length : 418 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
8.12.2020

Signature
08/12/20
AE

Signature
8/12

Signature
16/12/2020

(Name of Inspector)

FDR

GENERAL ABSTRACT OF COST

Block:- Panaspur

District:- Saran

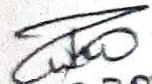
Length of Road:-

3.505 KM

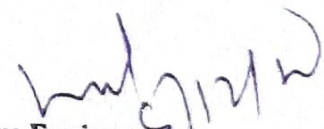
Name of Road:-

Motorable of Road From L065 Belaur To Panchayat Bhawan Rajput Tola
Chamar Tola Primary School Singhi Hote Huye Simrah Tak

Sl. No.	Amount
A ESTIMATED COST :	24.714 Lacs
TOTAL :	24.714 Lacs


4.12.2020
Junior Engineer


04/12/2020
Asstt. Engineer

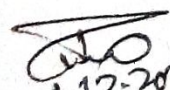

Executive Engineer

SE
RWD

TA for Rs. 24.714 Lacs (Twenty four lacs Seventy one thousand four hundred only)


31.12.20

Name Of Road :-		Motorable of Road From 1.065 Belau To Panchayat Bhawan Rajput Tola Chamar Tola Primary School Singhi Hote Huye Simrah Tak		Block:-	Panapur
Sl. No.	Description	UNIT	QUANTITY	RATE	AMOUNT (in Rs.)
1	Providing Brick Bats				
	Providing brick bats including spreading laying, Labour, for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete job as per approved design specification and direction of E/I, including carriage cost of bricks.				
	Quantity As Per Annexure-1	CUM	1147.63	2153.51	2471416.58
				TOTAL COST =	24,71,416.58


4.12.2020
JE
RWD


04/12/2020
AE
RWD


5/12/20
EE
RWD

1.1 RCD Loading and Unloading of Stone Boulder / Stone aggregate / sand / kanker / Moorum					
Placing Tractor at loading point, loading with front loader, dumping, turning for return trip, excluding for haulage and return trip.					
Unit = cum					
Taking output = 2.25 cum					
Time required for					
i) Positioning of Tractor at loading Point		1 Min			
ii) Loading by front end loader 1 cum bucket @ capacity 25 cum per hour		5 Min			
iii) Maneuvering, reverse, dumping and turning for return		0 Min			
iv) Waiting time, unforeseen Contingencies etc.		0 Min			
Total		6 Min			
a) Labour					
Mate		Day	0.03	305.00	9.15
Mazdoor for loading and unloading		Day	0.72	287.00	206.64
b) Machinery					
Tractor 3.60 tonnes capacity	hour	0.10	549.10	54.91	
Front end loader 1 cum bucket capacity @ 25 cum/hour	hour	0.08	1403.00	116.45	
c) Overhead charges @ 0.06 on (a+b)				23.23	
Cost for 2.25 cum = a+b+c+d				410.38	
Cost for 2.25 cum = (a+b+c+d)/2.25				182.39	
Note-	Unloading will be done manually.				
1	Supplying for Brick Bats (With OH)				
A	Basic Rate of Brick Bats	Per Cum	1017.00	1017.00	
	Add overhead Charges 6%		0.06	61.02	
	Total-			1078.02	
	Surface Lead	km	7.00		
	Unsurface Lead	km	1.00		
	Factor (3.6/2.25)	cum	1.60		
B	Carriage (with OH)				
	(1.6 x 7 x 17.25) + (1.6 x 1 x 21.55) + 182.39				410.07
C	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)			322.27	
	Total (A+B+C)-			1810.36	
	Add 1% Labour Cess (A+B+C)			18.10	
	Add 12% GST (A+B+C)			217.24	
	Add 10% cost of Material for seigniorage Fee		1.00	107.80	107.80
	Total Cost per Cum		Rs.-	2153.51	