

O.K



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Works Division-Marhaura

FDR

(2020-2021)

NAME OF WORK

Motorable of Road From Bhatagai Kali Asthan Se
Bhatgai Prathmik Vidhyalaya Hote Hue Sukdev
Vishwakarma ~~Prathmik~~ Vidhyalya Tak.
Uchch

DISTRIC

Saran

BLOCK

Taraiya

LENGTH OF ROAD

2.000

KM

ESTIMATED COST

~~8.463~~
3.309

Lac

प्रतिवेदन

कार्य का नाम :- पचरौर भगेलु मॉड़ी मोड़ से संग्रामपुर ओपीओ तक पथ।

शीर्ष :- FDR

प्राक्कलित राशि:- 25.541 लाख।

पथ की लम्बाई:- 1.400 कि०मी०

प्रखण्ड का नाम:- तरैया

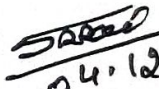
जिला-सारण।

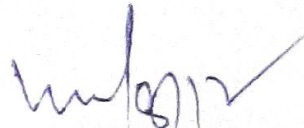
प्रस्तुत प्राक्कलन शीर्ष PMGSY/MMGSY/GTSNY/NABARD/MR-3054 अर्तगत निर्मित/निर्माणाधीन पथ के गत महीने में इस जिला में आये बाढ़/अतिवृष्टि के कारण क्षतिग्रस्त हुए पथों को चलने लायक (Motarable) बनाने हेतु विभागीय दिशा-निर्देशानुसार कार्यपालक अभियंता, ग्रा०का०वि०, कार्य प्रमंडल मढ़ौरा के दिशा-निर्देशन में कुल रु० 25.541 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।


04.12.2020
कनिष्ठ अभियंता


04.12.2020
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 Bhatagai Kali Asthan
Se Bhatgai Prathamik Vidhyalaya Hote
Hye Sakdev Vishwakrama Vach Vidhyalaya tak

A. For Road

1. Damage Location/Chainage : ~~98 m~~ 1.200, 1.500, 1.550, 1.700, 1.880, 1.950

2. Damage Length : 98 m

3. Nature of Damage : Flood

4. Details of Restoration Works :

i. Material being used in Restoration works : BRICK Bat

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

iii. Procedure taken up in Restoration works : BRICK Bat

iv. Restored Length : 98 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)

FDR

GENERAL ABSTRACT OF COST

Block:- Taraiya

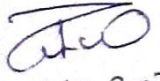
District:- Saran

Length of Road:- 2.000 KM

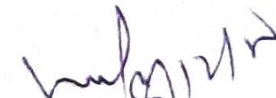
Name of Road:-

Motorable of Road From Bhatgai Kali Asthan Se Bhatgai Prathmik
Vidhyalaya Hote Hue Sukdev Vishwakarma Utkramik Vidhyalya Tak.

SL. No.	Amount
A ESTIMATED COST	13.309 Lacs
TOTAL	13.309 Lacs


4.12.2020
Junior Engineer


4.12.20
Asstt. Engineer


Executive Engineer

SE
RWD

T.A for Rs. 13,309 Lacs (Thirteen Lacs thirty thousand nine hundred only)

31.12.20

Name Of Road :-		Motorable of Road From Bhatgal Kali Asthan Se Bhatgal Prathmik Vidhyalaya Hote Hue Sukdev Vishwakarma Dikramik Vidhyalaya Tak.		Block:-	Taraiya
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	393.00	2153.51	846329.00
				TOTAL COST =	846329.00

846329.00

[Signature]
4.12.2020

JE
RWD

[Signature]
4.12.20

AE
RWD

[Signature]
8/12/20

EE
RWD

ANNEXTURE-1

Motorable of Road From Bhatgal Kali Asthan Se Bhatgal Name Of Road :- Prathmik Vidhyalaya Hote Hue Sukdev Vishwakarma Utkramik Vidhyalaya Tak.							Block: Taraiya
Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH-1.200 Km	1	10.00	5.00	1.50	CUM	75.00 m ³
2	CH-1.500 Km	2	5.00	1.50	1.00	CUM	15.00 m ³
3	CH-1.550 Km	2	10.00	1.00	1.00	CUM	20.00 m ³
4	CH-1.700 Km	1	10.00	5.00	1.50	CUM	80.00 m ³
5	CH-1.880 Km	2	15.00	1.50	1.00	CUM	45.00 m ³
6	CH-1.950 Km	1	3.00	6.00	1.00	CUM	18.00 m ³
	2nd Time Flood						
1	CH-1.200 Km	1	10.00	5.00	1.00	CUM	50.00 m ³
2	CH-1.700 Km	1	10.00	6.00	1.50	CUM	90.00 m ³
TOTAL QUANTITY =							393.00 m ³


 4.12.2020
 JE
 RWD


 04.12.20
 AE
 RWD


 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)				
	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