

Inspection Report for flood damage work

Date:

1. Name of PIUs-

EE RWD (W) Division, Marhaur

2. Name of Block/Road-

Mu Sraich

A. For Road

Repair of Road Breaches (Damage by Flood) for Motorable work in Padampur
Pakel Sadak to Tinmukhi Mangar Road
Ahar Tal

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

— SM
Cut in Road, Due to Flood Scum

Bricks, Bats
— Tactor, Roller & Tally
etc

— Bricks Bats
— STI

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

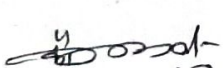
4. Details of Restoration :

i Material being used in Restoration

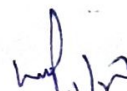
ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works

iv Restored Length


21.11.22
Signature of JE/AF/EE


21/11/22
ME


21/11/22


21/11/22
Signature

(Name of Inspector)



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

FDR

PLAN HEAD FDR (2245) (2020-2021)



**ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGE BY FLOOD) FOR
MOTARABLE WORK IN PADAMPUR PAKKI SADAK TO TINMUHANI MANAGER
RAI KE GHAR TAK.**

DISTRICT	:-	Saran	
DIVISION	:-	Marhaura	
BLOCK	:-	Mashrakh	
TOTAL LENGTH OF ROAD	:-	1.400	KM
TOTAL COST OF CONSTRUCTION	:-	0.646	Lac
TOTAL COST OF PROJECT	:-	0.646	Lac

FDR(2020-2021)

प्रतिवेदन

पथ का नाम:- Padampur Pakki Sadak To Tinmuhan Manager Rai Ke Ghar Tak.
पथ की लम्बाई:- 1.400 KM.
प्राक्कलित राशि:- 64605 रु
प्रखंड:-मशरख
जिला:-सारण

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग कार्य प्रमंडल मढ़ौरा प्रखंड अंतर्गत बाढ़ से क्षतिग्रस्त पथों के मोटरेबुल कार्य प्राक्कलन कार्यपालक अभियंता, ग्रामीण कार्य विभाग कार्य प्रमंडल मढ़ौरा के निर्देशानुसार तैयार किया गया है।

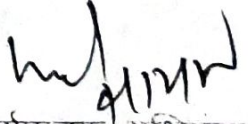
विदित है कि माह जुलाई एवं सितम्बर 2020 में गंडक नदी के बांध के टूटने एवं अतिवृष्टि के कारण आयी बाढ़ के कारण निर्मित/निर्माणाधीन पथों में काफी क्षति हुई है। पानी के तेज बहाव के कारण पथों में हुई कटाव से आवागमन प्रभावित हुआ है साथ ही दिनांक 3.11.2020 को बिहार विधान सभा का चुनाव निर्धारित है। बूथों तक वाहन का आवागमन आवश्यक है जिस कारण से चुनाव कार्य एवं लोगो की कठिनाईयो को देखते हुए तथा उच्चाधिकारी के निर्देशानुसार पथों को तत्काल मोटरेबुल करने का निर्देश दिया गया है ताकि सभी बूथों पर वाहन का आवागमन सुनिश्चित हो सके।

उपरोक्त आलोक में क्षतिग्रस्त पथों में तत्काल Brick Bats से भरकर वाहन का आवागमन चालू किया गया है।

प्राक्कलन वर्तमान अनुसूचित दर पर तैयार कर आवश्यक कारवाई हेतु समर्पित किया जाता है।


कनीय अभियंता


सहायक अभियंता


कार्यपालक अभियंता

FDR

GENERAL ABSTRACT OF COST

Block:- Mashrakh

District:- Saran

Length of Road:- 1.400 KM

Name of Road:-

Estimate for Repair of Road Breaches (Damage By Flood) For Motorable Work in Padampur Pakki Sadak To Tinmuhan Manager Rai Ke Ghar Tak.

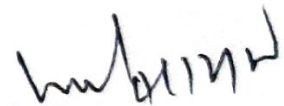
Sl. No.	Item of Work	Amount
A	TOTAL COST	0.646 Lacs
	TOTAL	0.646 Lacs


4.12.20

Junior Engineer

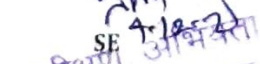

4.12.20

Asstt. Engineer



Executive Engineer

Technically approved 64,600/- (Sixty Four thousand Rs)
hundred only.


SE 4.12.20
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name Of Road :-		Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Padampur Pakki Sadak To Timmuhani Manager Rai Ke Ghar Tak.				Block :-	Mashrakh	DISTRICT:-	Saran	LENGTH :-	1.400 KM	
Sl.No.	SDB SL.NO	MORD RelNo	Description		Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1	8.1.3.2 (iii)		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/L including carriage cost of bricks.									
			Quantity As Per Annexure		Cum					30.000		
			Total Quantity=							30.00	2,153.51	64,605.00
			TOTAL COST IN RS.=									64,605.00


 AE
 RWD


 JE
 RWD

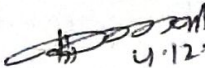

 EE
 RWD

ANNEXTURE-1

Estimate for Repair of Road Breaches (Damage By Flood) For
Name Of Road :- Motarable Work in Padampur Pakki Sadak To Tinmuhani
Manager Rai Ke Ghar Tak.

Block:- Mashrakh

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH- 0.400 Km.	1	5.00	6.00	1.00	CUM	30.00 m3
TOTAL QUANTITY =							30.00 m3


4.12.20
JE
RWD


07/12/2020
AE
RWD


07/12/20
EE
RWD

Brick Bats Pitching Manual Means

Sl. No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
6.6.1 WRD Bihar	Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete as per approved design specification and direction of E/I.				
	Unit:-Per Cum				
	Taking Output =2.832 Cum				
	Unskilled Mazdoor				
	Add 6% Overhead Charge	Nos.	3	287 00	861 00
	Rate for 2.832 Cum				51.66
	Rate Per Cum(Rs.)=				912.66
					322.27
RCD	Cost of haulage Excluding Loading and Unloading				
	Haulage of Materials By Tractor Excluding Cost Of loading, unloading and stacking				
	Unit-t.km				
	Taking output 3.60 tonnes load and lead 10 km =36.0 t.km				
	(i) Surface Road				
	Speed With load :15 km / hour.				
	a)Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.667	549 10	366 25
	Time Taken For empty return trip	hour	0.400	549 10	219 64
	b) Overhead Charges @0.06 on (a)				35 15
	Cost for 36 t km=(a+b+c)/36				621 04
	Say RS.-				17.25
	ii) Unsurface Gravel Road				
	Speed With load :12 km / hour.				
	Speed for empty return trip :20 km / hour.				
	a)Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.833	549 10	457 40
	Time Taken For empty return trip 0.50	hour	0.500	549 10	274 55
	b) Overhead Charges @0.06 on (a)				43 92
	Cost for 36 t km=(a+b+c)/840.34				775 87
	Rate per t.km = (a+b+c)/3623.34				21 55
	Say RS.-				21.55

1.1 RCD	Loading and Unloading of Stone Boulder / Stone aggregate / sand / kanker / Moorum				
	Placing Tractor at loading point, loading with front loader, dumping, turnig for return trip, excluding for haulage and return trip.				
	Unit = cum				
	Taking output = 2.25 cum				
	Time required for				
	i) Positioning of Tracter 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 turnig for return		0 Min		
	iv) Wating 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	Suplying 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