

Inspection Report for Flood damage work

Date:

Name of PIUs-

EEKMD Works Division Markapur

2. Name of Block/Road-

Musra

A. For Road

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

Repair of Road Breaches (Damage by Flood) for motorable work in Mohammadpur Chavara 90012

1000m to 1000m Kuleriya

Uttara 1000m (2nd)

46m

cut in Road - Due to Flood & rain

Bricks, Bats

Tactor, Roller, Pully

Bricks, Bats

46m

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

21/11/20

AE

21/11/20

Signature

(Name of Inspector)



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

FDR

PLAN HEAD FDR (2245) (2020-2021) (PART-B)



ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGE BY FLOOD) FOR MOTARABLE WORK IN MOHAMMADPUR CHAPRA SH 90 DIH KUDARIYA TO KARN KUDARIYA UTTAAR TOLA. (2ND TIME FLOOD)

DISTRICT	:-	Saran	
DIVISION	:-	Marhaura	
BLOCK	:-	Mashrakh	
TOTAL LENGTH OF ROAD	:-	2.010	KM
TOTAL COST OF CONSTRUCTION	:-	10.001	Lac
TOTAL COST OF PROJECT	:-	10.001	Lac

FDR

GENERAL ABSTRACT OF COST

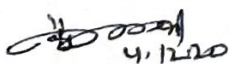
Block:- Mashrakh

District:- Saran

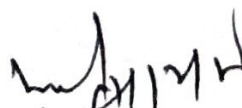
Length of Road:-- 2.010 KM

Name of Road:-- Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Mohammadpur Chapra SH 90 Dih Kudariya To Karn Kudariya Uttaar Tola. (2nd Time Flood)

SL. No.	Item of Work	Amount
A	TOTAL COST :	10.001 Lacs
	TOTAL :	10.001 Lacs


4.12.20
Junior Engineer


04/12/2020
Asstt. Engineer


Executive Engineer

Technically approved to Rs 10,00,100/- (Ten lakh one 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 Mohammadpur Chapra SH 90 Dlh Kudariya To										2.010 KM	
Sl. No.	SDB Sl. No	MORD Ref.No	Description			Unit	NOS	Block :-	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 khos 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					464.400		
			Total Quantity =								464.40	2,153.51	10,00,088.00
			TOTAL COST IN RS. =										10,00,088.00

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JE
RWD

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RWD

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EE
RWD

ANNEXTURE-1

Estimate for Repair of Road Breaches (Damage By Flood) For
Name Of Road :- Motarable Work in Mohammadpur Chapra SH 90 Dih Kudariya
 To Karn Kudariya Utaar Tola. (2nd Time Flood)

Block:- Mashrakh

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)(Av.)	HEIGHT (m)(Av.)	UNIT	QUANTITY
1	Providing Brick Bats						
	2nd Time Flood on 10.10.2020						
1	CH-49.50 M	1	21.00	6.00	1.90	CUM	239.40 m ³
2	CH-1800 M	1	25.00	6.00	1.50	CUM	225.00 m ³
TOTAL QUANTITY =							464.40 m³

JE
RWD

AE
RWD

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/L.				
	Unit:-Per Cum				
	Taking Output =2.832 Cum				
	Unskilled Mazdoor	Nos.	3	287.00	861.00
	Add 6% Overhead Charge				51.66
	Rate for 2.832 Cum				912.66
	Rate Per Cum(Rs.)=				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 frontloader, 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