

Inspection Report for flood damage work

Date:

1. Name of PIUs-

EE RMO (W) Division Murkura

2. Name of Block/Road-

Masgula

A. For Road

Repair of Road Breaches (Damage by Flood) for Motorable wagon in Sk-73 Dumrahan Kyndaroli to Sisei Taluk

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

- 4.70 m

- Cut in Road, due to flood & rain

i Material being used in Restoration :

- Bricks Bat

ii Equipment/Tools being used in Restoration works:

- Tactor, Roller, Tolly

iii Procedure taken up in Restoration works :

- Bricks Bat etc.

iv Restored Length :

4.70 m

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/AF/EE

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 SH-73 DUMARSAN KUMHAR TOLI TO SISAI TAK.

DISTRICT	:-	Saran	
DIVISION	:-	Marhaura	
BLOCK	:-	Mashrakh	
TOTAL LENGTH OF ROAD	:-	1.700	KM
TOTAL COST OF CONSTRUCTION	:-	0.568	Lac
TOTAL COST OF PROJECT	:-	0.568	Lac

FDR

GENERAL ABSTRACT OF COST

Block:- Mashrakh

District:- Saran

Length of Road:-- 1.700 KM

Name of Road:-- Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in SH-73 Dumarsan Kumhar Toli To Sisai Tak.

SL. No.	Item of Work	Amount
A	TOTAL COST :	0.568 Lacs
	TOTAL :	0.568 Lacs


Junior Engineer


04/12/2020
Asstt. Engineer


Executive Engineer

Received 56800/- (Fifty Six thousand eight hundred) only
dun 9/12/20


4-12-21
RWD
अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name Of Road :-		Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work In SH-73 Dumarsan Kumbhar Toll To Sisal Tak.						Block :-		Mashrakh		DISTRICT:-		Saran		LENGTH :- 1.700 KM.	
Sl.No.	SDB SL NO	MORD Ref.No	Description		Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)					
1	8.1.3.2		BRICK BATS														
	(iii)		Providing brick bats including spreading laying, Labour for dry graded Jhama khoa filter 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		Cum					26.367							
			Total Quantity =							26.37	2,153.51	56,781.00					
			TOTAL COST IN RS. =									56,781.00					

JE
RWD
4.12.20

AE
RWD
04/12/2020

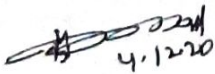
EE
RWD
4.12.20

ANNEXTURE-1

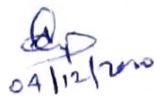
Name Of Road :- Estimate for Repair of Road Breaches (Damage By Flood) For
Motarable Work in SH-73 Dumarsan Kumhar Toli To Sisai Tak.

Block:- Mashrakh

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH-1.650KM	1	4.70	5.10	1.10	CUM	26.37 m3
TOTAL QUANTITY =							26.37 m3


4.12.20

JE
RWD


04/12/2020

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/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 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 1cum 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				
Mazdoor for loading and unloading	Day	0.03	305.00	9.15
b) Machinery	Day	0.72	287.00	206.64
Tractor 3.60 tonnes capacity				
Front end loader 1 cum bucket capacity @ 25 cum/hour	hour	0.10	549.10	54.91
c) Overhead charges @ 0.06 on (a+b)	hour	0.08	1403.00	116.45
Cost for 2.25 cum = a+b+c+d				23.23
Cost for 2.25 cum = (a+b+c+d)/2.25				410.38
Note- Unloading will be done manually.				182.39
1	Suplying for Brick Bats (With OH)			
A	Basic Rate of Brick Bats	Per Cum	1017.00	1017.00
	Add overhead Charges 6%			
	Total-	0.06		61.02
				1078.02
	Surface Lead			
	Unsurface Lead	km	7.00	
	Factor(3.6/2.25)	km	1.00	
		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