

Inspection Report for flood damage work

Date:

1. Name of PIUs-

EE RMD (w) Jevan Marhuv

2. Name of Block/Road - Musuvu

Repair of Road Breaches (Damage by Flood for motorable work in Karamkudhama School Area - Hussan ka Toh Gopalpur Nudaitu via 40th

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

- Bogies Bats

- Tactor roller & Tolly

- Bogies Bats laying

- 40 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

21/11/20
MS

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
MOTORABLE WORK IN KARAN KUDARIYA SCHOOL AZIM HUSSAIN KE TOLA
GOPALPUR NADI PUL TAK VIA 40 RD.**

DISTRICT	:-	Saran	
DIVISION	:-	Marhaura	
BLOCK	:-	Mashrakh	
TOTAL LENGTH OF ROAD	:-	3.300	KM
TOTAL COST OF CONSTRUCTION	:-	6.861	Lac
TOTAL COST OF PROJECT	:-	6.861	Lac

FDR

GENERAL ABSTRACT OF COST

Block:- Mashrakh

District:- Saran

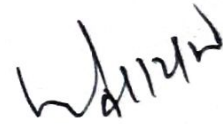
Length of Road:- 3.300 KM

Name of Road:- Estimate for Repair of Road Breaches (Damage By Flood) For Motorable Werk in
Karan Kudariya School Azim Hussain Ke Tola Gopalpur Nadi Pul Tak Via 40 RD.

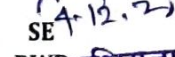
SL. No.	Item of Work	Amount
A	TOTAL COST :	6.861 Lacs
	TOTAL :	6.861 lacs


4.12.20
Junior Engineer


04.12.20
Asstt. Engineer

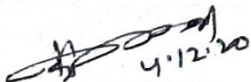

Executive Engineer

Technically approved to Rs. 6.861 lac = 0 (Six lakhs eighty six thousand one hundred only)

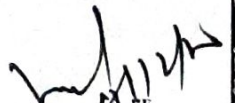

SE 4.12.20
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

ANNEXTURE-1

Estimate for Repair of Road Breaches (Damage By Flood) For Name Of Road :- Motorable Work in Karan Kudariya School Azim Hussain Ke Tola Gopalpur Nadi Pul Tak Via 40 RD.							Block:- Mashrakh
Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH- 2.600 Km. R/S Flank	1	5.00	0.90	0.80	CUM	3.60 m3
2	CH- 3.000 Km.	1	35.00	6.00	1.50	CUM	315.00 m3
TOTAL QUANTITY =							318.60 m3


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	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 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		
			6 Min		
	Total				
	a) Labour	Day	0.03	305.00	9.15
	Mate	Day	0.72	287.00	206.64
	Mazdoor for loading and unloading				
	b) Machinery	hour	0.10	549.10	54.91
	Tractor 3.60 tonnes capacity	hour	0.08	1403.00	116.45
	Front end loader 1 cum bucket capacity @ 25 cum/hour				23.23
	c) Overhead charges @ 0.06 on (a+b)				410.38
	Cost for 2.25 cum = a+b+c+d				182.39
	Cost for 2.25 cum = (a+b+c+d)/2.25				
Note-	Unloading will be done manually.				
1	Supplying for Brick Bats (With OH)	Per Cum		1017.00	1017.00
A	Basic Rate of Brick Bats		0.06		61.02
	Add overhead Charges 6%				1078.02
	Total-				
	Surface Lead	km	7.00		
	Unsurface Lead	km	1.00		
	Factor (3.6/2.25)	cum	1.60		
B	Carriage (with OH)				410.07
	(1.6 x 7 x 17.25) + (1.6 x 1 x 21.55) + 182.39				
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