

Inspection Report for flood damage work

Date:

1. Name of PIUs- E.E. RWD, WORK Div, Manhaura.

2. Name of Block/Road- Repair of road bridges (damaged by flood)
for Moharale work in Khairi Sagar ghat
to Bangre. of Moharale Block.

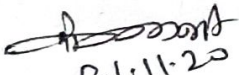
A. For Road

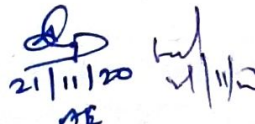
1. Damage Location/Chainage : ch 1.20 km, 1.40 km
2. Damage Length : 15 M.
3. Nature of Damage : Cut in Road due to flood.

4. Details of Restoration
i Material being used in Restoration : Bricks, bales
ii Equipment/Tools being used in Restoration works: Tractor roller, Trolly,
iii Procedure taken up in Restoration works : Dumping, laying Bricks
iv Restored Length : 15 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 :


21/11/20
Signature of JE/AE/EE


21/11/20
NE


21/11/20
Signature

(Name of Inspector)

FDR

GENERAL ABSTRACT OF COST

Block:- Mashrakh

District:- Saran

Length of Road:- 1.900 KM

Name of Road:- Estimate for Repair of Road Breaches (Damage By Flood) For Motarable Work in Khaira Sattar Ghat To Bangra Muslim Tola.

SL. No.	Item of Work	Amount
A	TOTAL COST	: 2.028 Lacs
	TOTAL	: 2.028 Lacs


4.12.20
Junior Engineer


04/12/2020
Asstt. Engineer


Executive Engineer

Technically approved to Rs 2,02,800/- (Two Lakhs Two Hundred and Eighty Eight Rupees only)
4.12.20

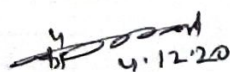
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

ANNEXTURE-1

Name Of Road :- Estimate for Repair of Road Breaches (Damage By Flood) For
Motarable Work in Khaira Sattar Ghat To Bangra Muslim Tola.

Block:- Mashrakh

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1	CH-1.200KM	1	4.00	5.50	1.10	CUM	24.20 m3
2	CH-1.400KM	1	11.00	5.30	1.20	CUM	69.96 m3
TOTAL QUANTITY =							94.16 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	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 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					
ii) Loading by front end loader 1 cum bucket @ capacity 25 cum per hour		1 Min			
iii) Maneuvering, reverse, dumping and turnig for return		5 Min			
iv) Wating time, unforeseen Contingencies etc.		0 Min			
Total		0 Min			
a) Labour		6 Min			
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	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)				
	Total (A+B+C)-				322.27
	Add 1% Labour Cess (A+B+C)				1810.36
	Add 12% GST(A+B+C)				18.10
	Add 10% cost of Material for seigniorage Fee				217.24
	Total Cost per Cum		1.00	107.80	107.80
			Rs:-		2153.51