

Date:

Inspection Report for Flood damage work

1. Name of PIUs- EE RWD, W&S divn. Marhaura

2. Name of Block/Road- Repair of Road breaches (Damaged by flood) for Molarable works in 34 Khairi Sallor ghat to Charnar Toli Tak of Musbar Block

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 :

empty cement bag, local soil, filled sand bag etc, sewing, Sula, laying filled sand bag etc, 700 M.

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

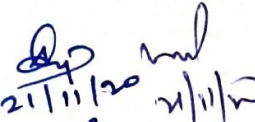
i Material being used in Restoration :

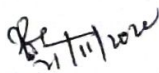
ii Equipment/Tools being used in Restoration works :

iii Procedure taken up in Restoration works :

iv Restored Length :


21.11.20
Signature of JE/AF/EE


21/11/20 21/11/20
ar


Signature

(Name of Inspector)

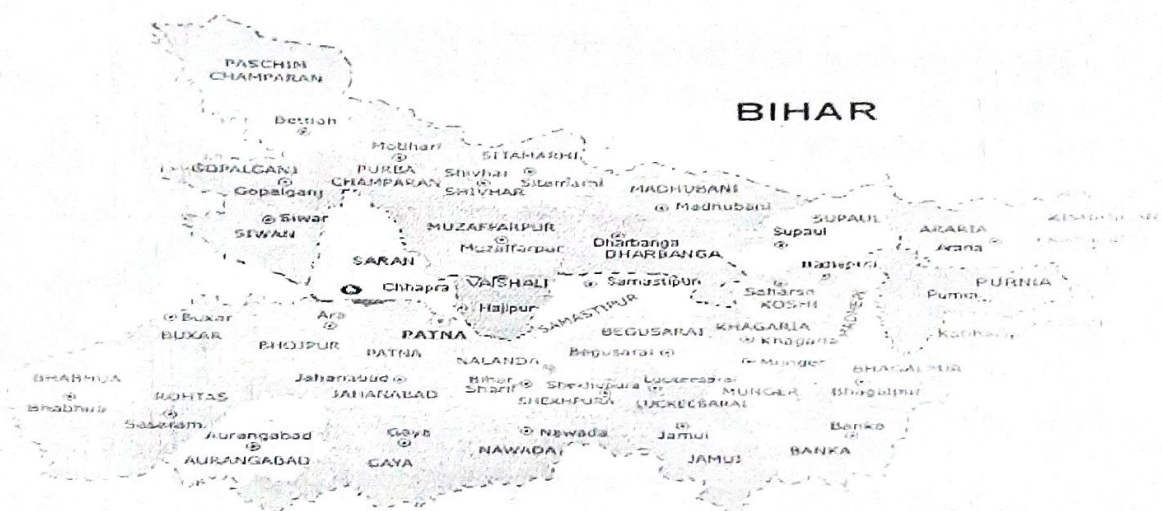


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

FDR

**ELAN HEAD FDR(2245)
(2020-2021)**



**ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGE BY
FLOOD) FOR MOTORABLE WORK IN SH KHAIRA SATTAR GHAT
ROAD TO CHAMAR TOLI TAK.**

DISTRICT	:-	Saran	
DIVISION	:-	Marhaura	
BLOCK	:-	Mashrakh	
TOTAL LENGTH OF ROAD	:-	1.250	KM
TOTAL COST OF CONSTRUCTION	:-	5.822	Lac
TOTAL COST OF PROJECT	:-	5.822	Lac

FDR

GENERAL ABSTRACT OF COST

Block:- Mashrakh

District:- Saran

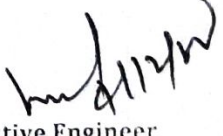
Length of Road:- 1.250 KM

Name of Road:- Estimate for Repair of Road Breaches (Damage By Flood) For Motorable Work in SH Khaira Sattar Ghat Road To Chamar Toli Tak.

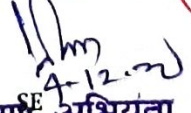
SL. No.	Item of Work	Amount
A	TOTAL COST	5.822 Lacs
	TOTAL	5.822 Lacs


4.12.20
Junior Engineer


04/12/2020
Asstt. Engineer


Executive Engineer

Technically approved to Rs. 5.822 Lacs. (Five Lakhs Eighty Two Hundred and Twenty Two) only.


4.12.20
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, छपरा

Name Of Road :-		Estimate for Repair of Road Breaches (Damage By Flood) For Motorable Work in SB Khaira Sattar Ghat Road To Chamar Toli Tak									
Sl. No.	SDE Sl. No	MORD Ref No	Description	Unit	NOS	Block -	Width	Height	Quantity	Rate	Amount (in Rs.)
1			SAND BAG Providing and placing sand bags consisting of empty cement bags filled with 35 to 40 kg locally available sand including cost of all labour material etc. Complete with lead upto 50 m and lift up to 1.5 m								
			Quantity As Per Annexure	Cum					700.000		
								No. of Sand Bags Required=	700/0.034		
								TOTAL SAND BAGS(In No.)=	20,588.24	28.28	5,82,155.00
								TOTAL COST IN RS. =			5,82,155.00

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JE
4.12.20
RWD

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AE
04.12.20
RWD

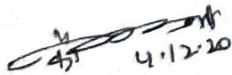
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ANNEXTURE-1

Estimate for Repair of Road Breaches (Damage By Flood) For
Name Of Road :- Motorable Work in SH Khaira Sattar Ghat Road To Chamar Toli
Tak.

Block:- Mashrakh

S. No.	Description	Nos.	LENGTH (m)	WIDTH (m)	HEIGHT (m)	UNIT	QUANTITY
1		1	600.00	1.00	1.00	CUM	600.00 m3
3		1	100.00	1.00	1.00	CUM	100.00 m3
TOTAL QUANTITY =							700.00 m3


4.12.20

JE
RWD


04/12/2020

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RWD


4.12.20

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RWD

Providing And Placing Sand Bags

Sl. No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
Ref.RCD SOR(12 9)	Labour For Filling of Sand Bags,Stiching and Placing etc.all Complete as per specification and direction of E/I.				
	Unit:-Per Bag				
	Taking Output =750 Bags				
	Unskilled Mazdoor	Nos.	15	287.00	4305.00
	Add 6% Overhead Charge				258.30
	Rate for 750 Bags				4563.30
	Mazdoor Rate Per Bag(Rs.)=				6.08
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)				621.04
	Cost for 36 t km=(a+b+c)/36				17.25
	Say RS.-				17.25
	(ii) Kachha Track				
	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	1.000	549.10	549.10
	Time Taken For empty return trip	hour	0.667	549.10	366.25
	b) Overhead Charges @0.06 on (a)				54.92
	Cost for 36 t km=(a+b+c)				970.27
	Rate per t.km = (a+b+c)/36				26.95
	Say RS.-				26.95
1	Suplying for Sand Bags (With OH)				
A	Basic Rate of Sand Bags	Per Cum		8.46	8.46
	Add overhead Charges 6%		0.06		0.51
	Total-				8.97

	1 No. Cement Bag Filled With 40 Kg./1.2 Cuft Sand			
	Conversion Factor : 1 m ³ =35.314667			
	1) Cubic Meter = Cubic Foot / 35.314667			
	2) Cubic Meter = 1.2 / 35.314667			
	3) Cubic Meter =0.034			
	Hence 1 No. Sand Bag Filled With 0.034 Cum Sand			
	Surface Lead	km	2.00	
	Unsurface Lead	km	1.00	
	Factor(3.6/2.25)	cum	1.60	
B	Carriage (with OH)			
	(1.6 x 3 x 17.25) + (1.6 x 1 x 21.55) + 182.39			280.71
	Cost of Carriage of Sand in Filling of one Sand Bag			
		280.71	0.034	9.54
C	Cost of Labour for Filling Sand Bag,Stiching and Placing (with OH)			6.08
	Total (A+B+C)-			24.60
	Add 1% Labour Cess (A+B+C)			0.25
	Add 12% GST(A+B+C)			2.95
	Add 10% cost of Material for seigniorage Fee	0.034	14.19	0.48
	Total Cost per Cum	Rs:-		28.28