

Inspection Report For Flood Damage Work

Date :

1 Name of PIUs :

Gopalganj - 2

2 Name of Block/Road :

Bouli / Bakraw Taddi Pm454 Road To Miya Tola

**A For Road**

1 Damage Location / Chainage :

0m to 1000m

2 Damage Length :

132m

3 Nature of Damage :

Heavy Rain / Flood

4 Details of Restoration Works:

i. Material being used in Restoration Works:

Brick Bats.

ii Equipments / Tools being used in Restoration Works:

HCB, Tractor, Trolly, Balch, Roller  
Shovel.

iii Procedure taken up in Restoration Works:

Yes

iv Restored Length:

132m

**B For Bridge**

1 Damage Location / Chainage:

N/A

2 Damage Length:

3 Nature of Damage:

4 Details of Restoration Works:

i. Material being used in Restoration Works :

ii Equipments / Tools being used in Restoration Works :

iii Procedure taken up in Restoration Works:

iv Restored Length :

  
 JE

  
 AE

  
 EE

  
 Signature  
 (Name of Inspector)

120



# ग्रामीण कार्य विभाग

Rural Works Department, Govt. of Bihar

## FLOOD DAMAGED REPAIR (F.D.R.)

STATE :- BIHAR  
DISTRICT :- GOPALGANJ  
BLOCK :- Brauli

Bakhraul Jaddi PMGSY Road To Miya Tola

ESTIMATED COST - RS. 555800.00

**SUBMITTED BY :-**  
**EXECUTIVE ENGINEER**  
**RWD (W) DIVISION**  
**GOPALGANJ-2**

**Report**

**Name of Work** :- Motorable work of Bakhraul Jaddi PMGSY Road To Miya Tola

**Estimated Cost** :- 555800.00

**Total length of Road** :- 0.850 km

**Description** :- The present estimate has been farmed under the supervision of Assistant engineer in accordance with the order of Executive Engineer, RWD, WD Gopalganj-2, letter No. - 1574 dated 18-08-2020. The part of above mentioned road has been damaged due to heavy rain/flood. And due to this damage the transporation has been obstructed. The immediate motorable work is necessary in public interest. Villagers will be benefitted by the completion of this motorable work.

In the estimate there has been a provision of repairing the damaged part of the road & making it motorable by filling brickbats. In the context of post flood scenario there is still the flow of water which prevails through the damaged part of the road.

In this estimate the rate of raw materials and labour wages has been prepared after the analysis of new rate. This estimate is as per the specifications. The estimate is devoted to technical and administrative acceptance.

  
J.E.

  
A.E.

  
E.E.



# Detailed Estimate For Motorable Work in Road from Bakhraul Jaddi PMGSY Road To Miya Tola damaged due to Heavy rain/flood for year 2020-2021

Sr.	Items	No.	L (M.)	W (M.)	D (M.)	Qty.	Unit	Rate	Amount
1	Providing brick bats billed in ditches including all cost of labour & material with all complete job.								
	CH - 0 M to 1000 M	1	6.00	4.00	1.80	43.20	M3		
		1	10.00	4.00	1.50	60.00	M3		
		1	15.00	1.00	0.90	13.50	M3		
		1	20.00	2.00	1.20	48.00	M3		
		1	8.00	1.50	1.00	12.00	M3		
		1	22.00	0.90	0.60	11.88	M3		
		1	30.00	0.90	0.60	16.20	M3		
		1	5.00	0.90	0.60	2.70	M3		
		1	6.00	4.00	0.30	7.20	M3		
		1	10.00	4.00	0.30	12.00	M3		
	Less for H.P.	0	1.23	1.23	5.00	0.00	M3	2412.11	546777~
						226.68	M3	2427.69	550299.70
2	Providing & laying 1000 MM Dia NP3 Hume Pipe in single row -do-do- complete job.	0	2.50			0.00	M	2733.33 4159.56	0.00
									546777~
									550299.70
	Add 1 % Contingency							5468~	5503.00
								Total	555802.70
								Say	555800.00

552245~  
Qty Rs 5.522~

*[Signature]*  
J.E.

*[Signature]*  
A.E.

*[Signature]*  
E.E.

Technically Approved for Rs 5.522 lac (Rupees Five Lac Fifty Two Thousand & Two Hundred only)

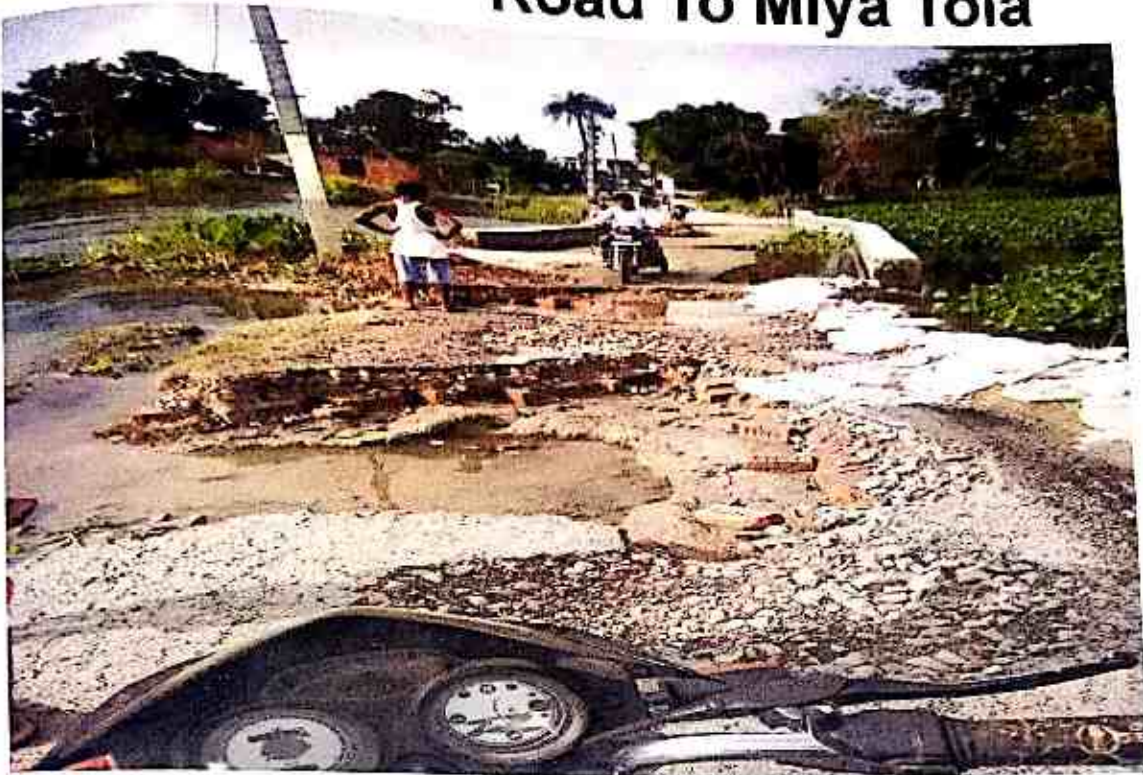
*[Signature]*  
13/01/21  
Superintending Engineer  
D. Work Circle-Siwan  
R. [Signature]  
11/01/21

1	Providing brick bats billing in ditcel Including all cost of labour & material				
A.	Basic Rate of Brick Bats (RCD SOR)	Per Cum		1017.00	1017.00
	Add Royalty ( 450 Bricks/Cum)		450.00	0.00	0.00
	Add overhead Charges		6%		61.02
	Total				1078.02
	Surface Lead	KM	7		
	Unsurface Lead	KM	1		
	Factor (3.6/2.25)	Cum	1.60		
B.	Carriage (With OH)				
	$(1.6 \times 7 \times 17.25) + (1.6 \times 1 \times 21.55) + 1$				410.07
C.	Cost of labour pitching and light				383.15
D.	Contractor Profit @ 10% on (A+B+C)				187.12
	Total (A+B+C+D) -				2058.36
	Add 1 % Labour Cess				20.58
	Add 12 % GST				247.00
	Add 10 % cost of Material for Seignior		1.00	101.70	101.70
	Total cost per Cum			Rs.-	2427.65
2	Providing Empty Cement Bag billed				
A	Basic rate of sand Bag	Per Bag		8.46	8.46
	Add overhead charges		6%		0.51
	Total -				8.97
	1. No. cement bag filled with 40 kg/1				
	Conversion Factor : 1 M3 = 35.31466				
	1) Cubic Meter = Cubic Foot/35.3146				
	2) Cubic Meter = 1.2/ 35.314667				
	3) Cubic Meter = 0.034				
	Hence 1 No. Sand bag filled with 0.03				
	Surface Lead	Km	2		
	Katcha Lead	Km	1		
	Factor (3.5/2.5)	Cum	1.60		
B.	Carriage (with OH)				
	$(1.6 \times 7 \times 17.25) + (1.6 \times 1 \times 26.95) + 1$				280.71
	Cost of carriage of sand in filling of o		280.71	0.034	9.54
					6.08
C.	Cost of labour for filling sand bag,				2.46
D.	Contractor Profit @ 10% on (A+B+C)				27.05
	Total (A+B+C+D) -				0.27
	Add 1% Labour Cess				3.25
	Add 12% GST		0.034	14.19	0.48
	Add 10% Cost of Material for Seignior				
				Rs.-	31.04
	Total Cost per Bag				

20-11-2022



# Name of Road :- Bakhraul Jaddi PMGSY Road To Miya Tola



*[Signature]*  
20/11/2020  
JE

*[Signature]*  
20/11/2020  
JE



# Name of Road :- Bakhraul Jaddi PMGSY Road To Miya Tola



*Signature*  
20/11/2020  
JC

*Signature*  
20-11-2020  
DL