

Rural Works Department, Govt of Bihar

2021-22

FLOOD DAMAGED REPORT



Motorable for Haluwar to PMGSY Sadak Tak

DISTRICT	-:-	GOPALGANJ	
DIVISION	-:-	GOPALGANJ-2	
BLOCK	-:-	BARAULI	
TOTAL LENGTH OF ROAD	-:-	2.000	KM
DAMAGED LENGTH OF ROAD	-:-	0.066	KM
PART-A TOTAL COST	-:-	2.469	Lac
TOTAL SEIGNIORAGE FEE	-:-	0.004	Lac
TOTAL COST OF PROJECT	-:-	2.473	Lac

Inspection Report For Flood Damage Work

Date :

- 1 Name of PICU : RWD, WORKS DIVISION, GOPALGANJ-2
- 2 Name of Block/Road : BARAULI / HALUWAR TO PMBSY SADAK
- A For Road
- 1 Damage Location/Chainage : 1600-1650M, 600-700M
- 2 Damage Length : 38m , 28m
- 3 Nature of Damage : ROAD WASHOUT
- 4 Details of Restoration Works:
- i) Material being used in Restoration Works : BRICK BATS
- ii) Equipments/Tools being used in Restoration Works : JCB, TRACTORS WITH TROWEL
- iii) Procedure taken up in Restoration Works :
- iv) Restored Length : 66 M. Work is Satisfactory
27/12/21
- B For Bridge
- 1 Damage Location/Chainage :
- 2 Damage Length :
- 3 Nature of Damage : NA
- 4 Details of Restoration Works :
- i) Material being used in Restoration Works :
- ii) Equipments/Tools being used in Restoration Works : NA
- iii) Procedure taken up in Restoration Works :
- iv) Restored Length :

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22-12-21

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22/12/21

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checked by me

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27/12/21

Inspection Officer
कायपालक आंचयता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल हथुआ (गोपालगंज)

[Signature]
12/11/22
Superintending Engineer
RWD Works Circle, Siwan

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17/11/2022

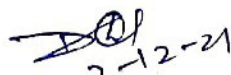
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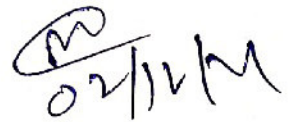
Name of Work :- Motorable for Haluwar To PMGSY Sadak Tak
Estimate Cost :- 2.473 Lac
Total Length :- 2.000 km
Description :- The Present estimate has been farmed under the supervision of Assistant engineer in accordance with the order of Executive Engineer, RWD, WD Gopalganj-2. The part of above mentioned road has been damaged due to heavy rain/flood . And due to this damage the transportation has been obstructed. The immediate motorable work is necessary in public interest. village will be benefitted by the completion of this motorable work.

In the estimate there has been 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 specification. The estimate is devoted to technical and administrative acceptance.


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FLOOD DAMAGED REPORT

GENERAL ABSTRACT OF COST

Block:-- BARAULI

District:- GOPALGANJ

Length of Road:-- 2.000 KM

Name of Road:-- Motorable for Haluwar to PMGSY Sadak Tak

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION :	2.469 Lacs
B	Total Seigniorage Fee	0.004 Lacs
	TOTAL :	2.473 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer

Technically Sanctioned for Rs 2.473 lacs (Rupees Two lacs Forty Seven Thousand & Three Hundred) only

SE
RWD


Sub-Intending Engineer
RWD Works Circle, Siwan

SL No.	SDB SL NO	MORD Ref No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1	3.2	301	Brick Bats								
			Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals, chowkidar, taxes, royalty etc. all complete job as per specification and direction of E/I including carriage cost of bricks.								
				cum	1	24.00	3.10	0.5 (av)	37.20		
			Ch-1600-1650	cum	1	9.00	2.00	(1.5+2.0)/2	31.50		
				cum	1	3.00	2.00	1.75 (av)	10.50		
				cum	1	2.00	2.00	(1.5+2.0)/2	7.00		
			Ch-600-700	cum	1	13.00	2.70	0.50 (av)	17.55		
				cum	1	15.00	2.70	0.50 (av)	20.25		
				cum					124.00	1,761.99	2,18,487.00
									A) SUB TOTAL OF CRUST =		2,18,487.00
									TOTAL COST OF PAVEMENT IN RS. (A+B+C+D+E+F) =		2,18,487.00

P. Sub
21/12/21
at

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at

at
02/12/21

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD : Motorable for Haluwar to PMGSY Sadak Tak
DISTRICT GOPALGANJ
BLOCK BARAULI
DIVISION GOPALGANJ-2
LENGTH OF ROAD (in Km) 2.000
Damaged Length of Road 0.066

Sl. No.	DESCRIPTION	Amount	1 % Labour Cess	12 % GST	1% Labour Cess & 12% GST AMOUNT (LAKHS)
	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL				
1	BRICK BAT	2.185	0.022	0.262	2.469
	SUB TOTAL	2.185	0.022	0.262	2.469
	Total Seigniorage Fee				0.004
	TOTAL COST OF PROJECT IN LACS =	2.185	0.022	0.262	2.473

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Name of Road :-			Motoradise for Haliwar to PMGSY Sadak Tak			Block :-		BARAULI		Length :-	
Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs	Total material Qty. required (Cum)	Total Amount	2.000 km	
1	3.14	303.1	Construction of Subgrade and Earthen Shoulders							Add 10 % Seigniorage Fee	
			Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.								
			Unit = cum								
			Taking output = 100 cum								
		a)	Material								
			Compensation for earth taken from private land	cum	100.00	34.82	3,482.00				
			Cost for 100 cum = a				3,482.00				
			Rate per cum = (a)/100	cum			34.82				
						Total Cost	34.82	0.00	0.00	0.00	
2			Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals, chowkidar, taxes, royalty etc. call complete job as per specification and direction of E/I including carriage cost of bricks.								
			Unit = cum								
			Taking output = 2.832								
		a)	Material								
			iii) Local Sand	Cum	0.63	141.85	89.37				
			Cost for 300 cum = A				89.37				
			Rate per cum = (A)/2.832	cum			31.56				
						Total Cost	31.56				
								124.00	3,912.90	391.29	
								Total Seigniorage Fee		400.34	

Analysis for Carriage by Road & Rail

Motorable for Hahuwar to PMGSY Sadak Tak

District:-

GOPALGANJ

Block :- BARAULI

SI No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km			Loading & Unloading Cost	Carriage Cost by Rail Head	Total ₹
				Pucka / Surface	Katcha				
1	Stone Metal Gr-I & Gr-II (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 4.59	x 7.94 x 64.00 Km = Rs 885.68	8.00 4.59	210.55	1622.02	Rs. 2718.25
2	Stone Metal Gr-III (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 4.59	x 7.94 x 64.00 Km = Rs 814.69	8.00 4.59	210.55	1676.71	Rs. 2701.95
3	Stone Aggregate / Chips (Mirzachowki by Rail 381 Km)	Cum	Siwan	8.00 4.59	x 7.94 x 64.00 Km = Rs 814.69	8.00 4.59	210.55	2103.81	Rs. 3129.05
4	Stone Boulder (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 4.80	x 7.94 x 64.00 Km = Rs 846.93	8.00 4.80	210.55	1729.87	Rs. 2787.35
5	Course Sand	Cum	Koilwar	8.00 4.99	x 7.94 x 159.00 Km = Rs 2023.98	8.00 4.99	113.85		Rs. 2137.83
6	Binding Material/Moorum (Janui by Rail 275 Km)	Cum	Siwan	8.00 6.00	x 7.94 x 64.00 Km = Rs 677.55	8.00 6.00	113.85	1307.42	Rs. 2098.82
7	Local Sand	Cum	Local	8.00 4.99	x 7.94 x 2.00 Km = Rs 25.46	8.00 4.99	113.85		Rs. 170.12
8	Brick	1000 Nos	Local	8.00 2.00	x 7.94 x 7.00 Km = Rs 222.32	8.00 2.00	478.10		Rs. 777.30
9	Cement	MT	Local	8.00 8.00	x 7.94 x 10.00 Km = Rs 79.40	8.00 8.00	348.12		Rs. 427.52
10	Steel	MT	Local	8.00 8.00	x 7.94 x 10.00 Km = Rs 79.40	8.00 8.00	371.54		Rs. 450.94
11	Bitumen Emulsion	MT	Muzaffarpur	8.00 8.00	x 7.94 x 189.00 Km = Rs 1500.66	8.00 8.00	397.72		Rs. 1898.38
12	Bitumen	MT	Muzaffarpur	8.00 8.00	x 7.94 x 189.00 Km = Rs 1500.66	8.00 8.00	397.72		Rs. 1898.38
13	Hume Pipe (1000 mm)	m	Siwan	8.00 10.00	x 7.94 x 64.00 Km = Rs 406.53	8.00 10.00	70.96		Rs. 477.49
14	Hume Pipe (600 mm)	m	Siwan	8.00 25.00	x 7.94 x 64.00 Km = Rs 162.61	8.00 25.00	30.41		Rs. 193.02
15	Hume Pipe (300 mm)	m	Siwan	8.00 60.00	x 7.94 x 64.00 Km = Rs 67.75	8.00 60.00	30.41		Rs. 98.16

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SO aa

Type of Road	₹ Per Ton. Km by Tipper	₹ Per Ton. Km by Truck
For Surface Road	10.10	7.94
Unsurface Gravel Road	12.10	9.55
Kachha Road	24.30	19.22



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