

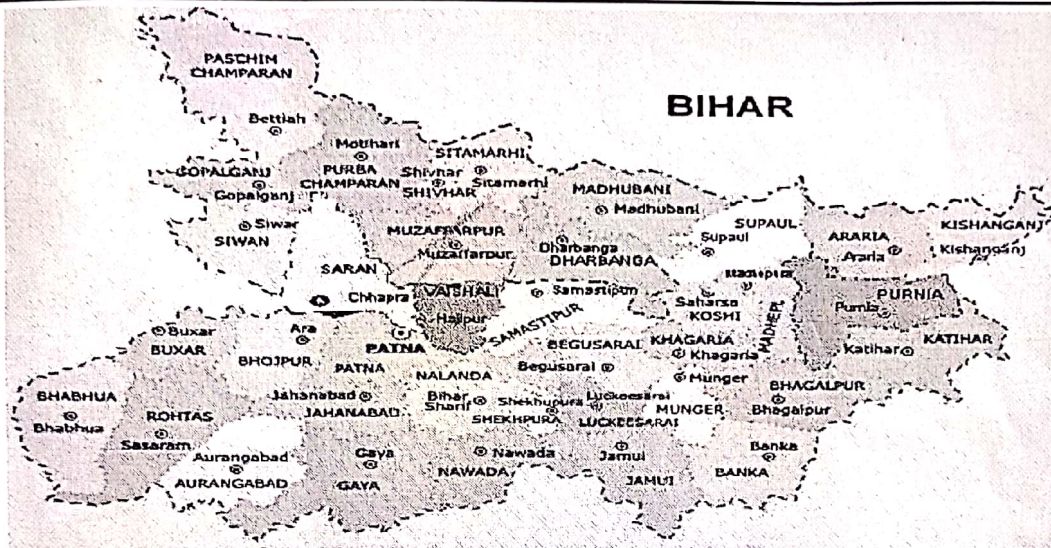


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

2021-22

FDR



MOTORABLE FOR L053 - T06 TO RAMPUR (TRACKS)

DISTRICT	:-	GOPALGANJ	
DIVISION	:-	GOPALGANJ-2	
BLOCK	:-	BARAULI	
TOTAL LENGTH OF ROAD	:-	2.500	KM
DAMAGED LENGTH OF ROAD	:-	0.115	KM
TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:-	22.199	Lac
TOTAL SEIGNIORAGE FEE	:-	0.046	Lac
TOTAL COST OF PROJECT	:-	22.245	Lac

Inspection Report For Flood Damage Work

Date :

1 Name of PICU: RWD, WORKS DIVISION, GOPALGANJ-2

2 Name of Block/Road: BARAULI/ TOB to RAMPUR

A For Road

1 Damage Location/Chainage: 1300-1360, 900^m, 1200^m, 2000^m, ~~1650-1750m~~, 2250-2300 m.

2 Damage Length: 115 ²¹⁰ m.

3 Nature of Damage: Road washout.

4 Details of Restoration Works:

i) Material being used in Restoration Works: Brick Ball, Earth work, Home Pipe

ii) Equipments/Tools being used in Restoration Works: J.C.B., Tractor with trolley

iii) Procedure taken up in Restoration Works:

iv) Restored Length: 115 ²¹⁰ 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:

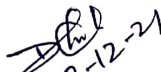
iii) Procedure taken up in Restoration Works:

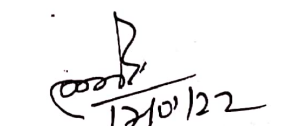
iv) Restored Length:

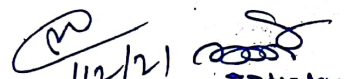
NA

checked by me


21/12/21
J.E.


2-12-21
A.E.


12/10/22
Superintending Engineer
RWD Works Circle, Siwan


12/12/21
E.E. Inspecting
कायपालक जमियता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल हथुआ (गोपालगंज)

REPORT

Name of Work :- Motorable for L053 T06 To Rampur (Track)

Estimate Cost :- 49.989 Lac 2224500 -

Total Length :- 2.500 km

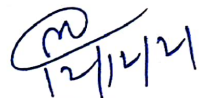
Description :- The Present estimate has been farmed under the supervision of Assistant engineer in accordance with the order of Executive Engineer, RWD, WD Gopalganj-2. The part of above mentioned road has been damaged due to heavy rain/flood . And due to this damage the transportation has been obstructed. 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, earthen shoulders & RCC pipe. 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.


J.E


2-12-21
A.E


12/12/21
E.E

FDR

GENERAL ABSTRACT OF COST

Block:--

BARAULI

District:- GOPALGANJ

Length of Road:--

2.500 KM

Name of Road:--

MOTORABLE FOR L053 - T06 TO RAMPUR (TRACKS)

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION :	22.199 Lacs
B	Total Seigniorage Fee	0.046 Lacs
TOTAL :		22.245 Lacs

Junior Engineer

Asstt. Engineer

Executive Engineer

Technically sanctioned for Rs 22.245 lac (Rupees Twenty Two Lacs Twenty Four Thousand & Five Hundred only)

SE
Superintending Engineer
RWD Works Circle, Siwan

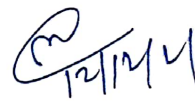
GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD : MOTORABLE FOR L053 - T06 TO RAMPUR (TRACKS)
DISTRICT GOPALGANJ
BLOCK BARAULT
DIVISION GOPALGANJ-2
LENGTH OF ROAD (in Km) 2.500

Sl. No.	DESCRIPTION	Amount	1 % Labour Cess	12 % GST	1% Labour Cess & 12% GST AMOUNT (LAKHS)
	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL				
1	BRICK BAT	18.215	0.182	2.186	20.582
2	EARTHWORK	0.923	0.009	0.111	1.043
3	RCC PIPE	0.508	0.005	0.061	0.574
	SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL	19.645	0.196	2.357	22.199
	Total Seigniorage Fee				0.046
	TOTAL COST OF PROJECT IN LACS =	19.645	0.196	2.357	22.245


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Name of Road :-		MOTORABLE FOR L053 - T06 TO RAMPUR (TRACKS)				Block :-		BARAULI		Length :-		2.500 km	
SL No.	SDB SL No.	MORD Ref No.	DESCRIPTION				Unit	Quantity	Rate	Amount in Rs	Total material Qty. required (Cum)	Total Amount	Add 10 % Seigniorage Fee
1	3.14	303.1	EARTHWORK										
			Construction of Subgrade and Earthen Shoulders										
			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	378.00	13,161.96	1,316.20
2	4.1	401	BRICK BAT										
			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.										
		(i)	For Brick bat										
			Unit = cum										
		a)	Material										
			Local Sand				cum	0.63	141.85	89.37			
			Cost for 2.832 cum = A							89.37			
			Rate per cum = (A)/2.832				cum			31.56			
			Total Cost							31.56	1,033.75	32,620.62	3,262.06
			Total Seigniorage Fee									4,578.26	

Phd
21/2/22

21/2/22

12/12/22

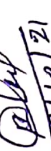
Name of Road:--- **MOTORABLE FOR L053 - T06 TO RAMPUR (TRACKS)**

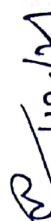
Analysis for Carriage by Road & Rail

Sl No	Item with Source	Unit	Source Up to	Block :- BARAULI			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 x 7.94 x 64.00 Km = Rs 885.68 4.59	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.59		210.55	1622.02	Rs. 2718.25
2	Stone Metal Gr-III (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 814.69 4.99	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.99		210.55	1676.71	Rs. 2701.95
3	Stone Aggregate / Chips (Mirzachowid by Rail 381 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 814.69 4.99	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.99		210.55	2103.81	Rs. 3129.05
4	Stone Boulder (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 846.93 4.80	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.80		210.55	1729.87	Rs. 2787.35
5	Course Sand	Cum	Koilwar	8.00 x 7.94 x 159.00 Km = Rs 2023.98 4.99	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.99		113.85		Rs. 2137.83
6	Binding Material/Moorum (Jamui by Rail 275 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 677.55 6.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 6.00		113.85	1307.42	Rs. 2098.82
7	Local Sand	Cum	Local	8.00 x 7.94 x 2.00 Km = Rs 25.46 4.99	8.00 x 19.22 x 1.00 Km = Rs 30.81 4.99		113.85		Rs. 170.12
8	Brick	1000 Nos	Local	8.00 x 7.94 x 7.00 Km = Rs 222.32 2.00	8.00 x 19.22 x 1.00 Km = Rs 76.88 2.00		478.10		Rs. 777.30
9	Cement	MT	Local	8.00 x 7.94 x 10.00 Km = Rs 79.40 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		348.12		Rs. 427.52
10	Steel	MT	Local	8.00 x 7.94 x 10.00 Km = Rs 79.40 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		371.54		Rs. 450.94
11	Bitumen Emulsion	MT	Muzaffarpur	8.00 x 7.94 x 189.00 Km = Rs 1500.66 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		397.72		Rs. 1898.38
12	Bitumen	MT	Muzaffarpur	8.00 x 7.94 x 189.00 Km = Rs 1500.66 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		397.72		Rs. 1898.38
13	Hume Pipe (1000 mm)	m	Siwan	8.00 x 7.94 x 64.00 Km = Rs 406.53 10.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 10.00		70.96		Rs. 477.49
14	Hume Pipe (600 mm)	m	Siwan	8.00 x 7.94 x 64.00 Km = Rs 162.61 25.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 25.00		30.41		Rs. 193.02
15	Hume Pipe (300 mm)	m	Siwan	8.00 x 7.94 x 64.00 Km = Rs 67.75 60.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 60.00		30.41		Rs. 98.16

* Subjected to Verification of Lead

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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