



GOVERNMENT OF BIHAR

**NAME OF WORK:- Restoration work of Road from L045-
L021 to Ganj Tola (Track45)**
(FDR PART-A)

Restoration Length :- 110 M

Block:- Barari

DETAILED PROJECT REPORT

UNDER FDR (2245)

ESTIMATED COST

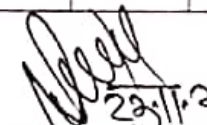
Rs. 5,32,030.00

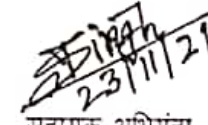
**-: PREPARED BY :-
EXECUTIVE ENGINEER
R.W.D. (W) DIVISION, KATIHAR**

निरीक्षण प्रतिवेदन

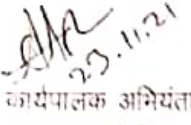
अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अवल, पूर्णियाँ के पत्रांक 1361 दिनांक 20.11.2021 में दिये गये निर्देश के आलोक में दिनांक 30.11.2021 तक ग्रामीण कार्य विभाग, कार्य अवल, पूर्णियाँ अन्तर्गत ग्रामीण कार्य विभाग, कार्य प्रमडल, कटिहार में बरारी प्रमडल के वर्ष 2021 की बाढ़ से निम्नलिखित क्षतिग्रस्त पथों के Temporary Restoration कार्य के स्थल का निरीक्षण किया गया एवं इन कार्यों को प्राक्कलन के अनुरूप पाया गया। कार्य की वर्तमान स्थिति संतोषजनक है एवं पथ इन स्थलों पर मोटरबल है।

Block-	Barari					
Sl No.	Name of Division	Name of Road	Road Status	Length (In KM)	Estimated cost for Restoration (In Lakh)	Remarks
1	2	3	4	5	6	7
1	Katihar	L084-L080 To Ranichak	Maintenance	2.253	4.3160	Restoration work Completed
2	Katihar	L058-L057 To Baghwa Kote (Track57)	Maintenance	2.250	8.4774	Restoration work Completed
3	Katihar	L024- L023 Baisaghat To Basgarha	Maintenance	1.510	17.69229	Restoration work Completed
4	Katihar	L087-L025 To Kantnagar (Track87)	Ongoing	2.633	18.27008	Restoration work Completed
5	Katihar	L101-T01 To Kundi Dhar (VR101)	Maintenance	1.600	6.98094	Restoration work Completed
6	Katihar	Mohan Chandpur bandh to Pratapganj	Ongoing	0.900	9.2784	Restoration work Completed
7	Katihar	Const. Of road from Ganga Darjeeling road to Unchla Gurudwara	Maintenance	0.687	1.31417	Restoration work Completed
8	Katihar	L113-L065 To Nieha Tola (VR113)	Out of Maintenance	1.400	1.32717	Restoration work Completed
9	Katihar	L135-L089 To Tariyani (VR135)	Maintenance	0.750	3.06213	Restoration work Completed
10	Katihar	L083-L081 to Dhenua (VR83)	Maintenance	1.500	3.30432	Restoration work Completed
11	Katihar	L045-L021 To Ganj Tola (Track45)	Out of Maintenance	4.738	5.32030	Restoration work Completed
12	Katihar	L083-L081 to Dhenua (VR83) (Bridge)	Maintenance	68.36 M	0.67315	Restoration work Completed
13	Katihar	Simraha to Debara	Maintenance	0.735	3.62491	Restoration work Completed
14	Katihar	L088 at anth to Chatrapara	Ongoing	0.880	11.81446	Restoration work Completed
15	Katihar	Sahariya Masjid ke baad to Kawabiya banikol	Maintenance	1.750	2.78369	Restoration work Completed
16	Katihar	PMGSY Sultan Chowk to Bari Gidarmari	Maintenance	1.500	10.48583	Restoration work Completed
17	Katihar	Gidhabari, Nahar Tola Esat To Chikni Pada	Maintenance	1.000	4.82840	Restoration work Completed
18	Katihar	T04 To Goriyari	Maintenance	1.531	2.08900	Restoration work Completed
19	Katihar	Kachua Chowk to Gidhabari	Ongoing	1.650	0.75928	Restoration work Completed


23.11.21
कनिष्ठ अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा-बरारी


23.11.21
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवल प्रमडल, बरारी


23.11.21
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमडल, कटिहार।


23.11.21
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमडल, मनिहारी।

ग्रामीण कार्य विभाग , कार्य प्रमंडल, कटिहार।

प्रखण्ड - बरारी

योजना का नाम - अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त "एल045-एल021 से गंज टोला" पथ का आकस्मिक मरम्मत कार्य (पार्ट-8)

पथ की कुल लम्बाई - 4.738 कि0मी0

क्षतिग्रस्त पथांश की लम्बाई - 110 मी0

प्राक्कलित राशि - रू0 5,32,030.00

शीर्ष -FDR (3054)

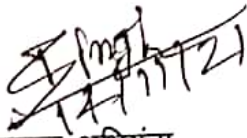
प्रतिवेदन

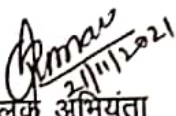
प्रस्तुत प्राक्कलन अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन रू0 5,32,030.00 मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार के द्वारा शीर्ष FDR के अन्तर्गत बनाया गया है।

तत्काल आवागमन को चालू रखने एवं पथ को और ज्यादा क्षतिग्रस्त होने से बचाने हेतु आकस्मिक मरम्मत के लिए पथांशों में Brick Bats, बॉस पाईलिंग, चचरी एवं खाली सिमेंट बैग में लोकल बालू भरकर कटाव से बचाव का कार्य का प्रावधान किया गया है।

पथ मरम्मत कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं उद्धृत दर में से न्यूनतम दर को लेते हुए एवं सामग्रियों की ढुलाई निकटतम खदान से प्रावधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं है। कार्यहित में प्राक्कलन का अनुमोदन अपेक्षित है।


कनीय अभियंता,
बरारी


सहायक अभियंता,
ग्रा0का0वि0, कार्य अवर प्रमंडल,
बरारी


कार्यपालक अभियंता
ग्रा0का0वि0, कार्य प्रमंडल,
कटिहार।

NAME OF WORK:- Restoration work of Road from 1045-1021 to Ganj Tola (Track45)

Total Length :- 4.738 Km

Restoration Length :- 110 M

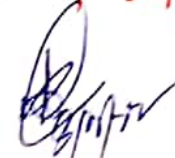
ABSTRACT OF COST			
1	Cost of Emergent repair of road	Rs.	4,51,971.00
2	Add 1 % Labour Cess	Rs.	4,520.00
3	Add 12 % GST	Rs.	54,237.00
4	Add for Seigniorage Fee	Rs.	21,302.00
Total :-		Rs.	5,32,030.00
Say		Rs.	5,32,030.00

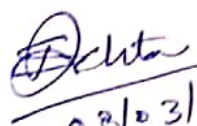

J.E.


A.E.
RWD, Sub-Division, Kontha
Tasari


E.E.
RWD (W) Div. Kothar

Provisional Technical sanction for ₹ 5,32,030.00
(Rupees five lac thirty two thousand thirty only)


अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, पूर्णिया


08/03/22
E.O.

NAME OF WORK:- Restoration work of Road from L045-L021 to Ganj Tola (Track45)

Total Length :- 4.738 Km

Restoration Length - 110 M

Sl. No.	ITEM OF WORKS	QTY	UNIT	RATE	AMOUNT
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1 Providing and Laying of Brick Bats

Placing tractor at loading point loading with front end loader dumping ,turning for return trip excluding time for haulage and return trip

1 x 1.0 x	1.50	x	1.30	=	1.95
1 x 1.5 x	1.50	x	1.50	=	3.38
1 x 1.5 x	2.00	x	1.00	=	3.00
1 x 0.3 x	0.50	x	1.20	=	0.18
1 x 1.2 x	1.00	x	1.30	=	1.56
1 x 1.8 x	1.90	x	1.90	=	6.50
1 x 3.9 x	2.30	x	2.50	=	22.43
1 x 5.6 x	$(\frac{4.90 + 4.40 + 3.00}{3})$	x	1.90	=	43.62
1 x 2.4 x	1.00	x	1.00	=	2.40
1 x 3.0 x	1.00	x	1.10	=	3.30
1 x 2.3 x	1.20	x	1.20	=	3.31
1 x 0.5 x	0.30	x	1.10	=	0.17
1 x 0.5 x	0.30	x	0.90	=	0.14
1 x 3.0 x	$(\frac{2.00 + 0.90}{2})$	x	1.20	=	5.22
1 x 5.0 x	2.80	x	1.00	=	14.00
1 x 5.0 x	1.00	x	1.50	=	7.50
1 x 6.0 x	0.90	x	1.30	=	7.02
1 x 17.0 x	0.90	x	1.00	=	15.30
1 x 28.0 x	1.00	x	$(\frac{1.50 + 1.80}{2})$	=	46.20
Total					= 187.16
		187.16	cum	1,879.70	3,51,812.00

2 Labour for filling empty cement bags with local sand, stitching the bags and placing including supply ofutti etc. all complete as per approved design, specification and direction E/L

Total Sand Bag = 2835 2835 Nos 33.39 94,660.65

3 Labour for cutting 62 mm to 75 mm dia bamboo piles in size and making shoes and driving etc. complete bob as per specification and direction E/L

1 x 8 No. x 5.0 M = 40.00
Total = 40.00 40.00 M 49.30 1,972.00

4 Labour for fitting and and fixing split bamboo woven chachari in position with 20 swg G.I wire of 75 mm to 100 mm long nails alternatively including cost of G.I wire or nails complete job as per specification and direction of E/L

5.0 M x 3.0 M = 15.00
Total = 15.00 15.00 Sqm 235.09 3,526.35
Total cost **Rs. 4,51,971.00**

[Signature]
J.E.

[Signature]
A.E.

[Signature]
Executive Engineer
RWD. (W) Div. Katihar.

APPROVED FINAL RATE (PURNEA)

Sl. No.	Discription of Item	Unit	Qty	S. fee		
				Basic Rate	10% of Basic Rate	Amount
1	Construction of Embankment with approved material obtained from borrow pits with a lift upto 1.5 m transporting to site, spreading grading to required slope and compacting to meet requirement of Table 300.1 and 300.2 with a lead of 1000 m as per Technical Specification	Cum	-	34.82	3.48	-
2	Providing and Laying of Brick Bats: Placing tractor at loading point loading with front end loader dumping, turning for return trip exluding time for haulage and return tirp	Cum	187.16	1,020.00	102.00	19,091.00
3	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	Cum				
	i) Granular material (Natural occuring, soil gravel mixture /quarry waste, kankar, laterite, dhandla	Cum	-	163.53	16.35	-
	ii) 2.36 mm below @ 40 per cent (Local sand)	Cum	-	141.85	14.19	-
4	Labour for filling empty cement bags with local sand, sitching the bags and placing including supply of sutti etc. all complete as per approved design, specifcaiton and direction E/I.	Nos	2,835.00	7.82	0.78	2,211.00
5	Labour for filling empty cement bags with local sand, sitching the bags and pitching in Nylon crate of size (1m x 1m x 1m) with a lead of 150 m including supply of suti etc. and placing the filed crates in water portion within a lead 30 m all complete as per approved design, specification and direction of E/I.	Nos				-
Total cost				Rs.		21,302.00

1/10/21
12/11/21

14/11/21
A.E

12/11

Name of Road - L045-L021 to Ganj Tola (Tract 45)
Block - Barari,

District - Katihar (Bihar)



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जिला/२
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