



GOVERNMENT OF BIHAR

NAME OF WORK:- Restoration work of Road from Const. Of
Bridge at Koshi Dhaar near Narahiya Nahar in T05 to
Tikapatti Road
(FDR PART-A)

Restoration Length :- 81 M

Block:- Sameli

DETAILED PROJECT REPORT

UNDER FDR (2245)

ESTIMATED COST

Rs. 3,05,603.00

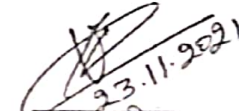
-: PREPARED BY :-
EXECUTIVE ENGINEER
R.W.D. (W) DIVISION, KATIHAR

निरीक्षण प्रतिवेदन

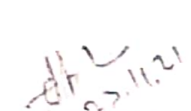
अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, पूर्णियाँ के पत्रांक-1061 दिनांक-20.11.2021 में दिये गये निर्देश के आलोक में दिनांक 30.11.2021 तक ग्रामीण कार्य विभाग, कार्य अंचल, पूर्णियाँ अन्तर्गत ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार में समेती प्रखण्ड के वर्ष 2021 की बाढ़ से निम्नलिखित क्षतिग्रस्त 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 मोटरेबल है।

Block-	Sameli					
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	Mahant Sthan To Nababganj Milik	Maintenance	2.023	33.36904	Restoration work Completed
2	Katihar	MMGSY School Chowk To Nawabganj Wasa Tola	Out of Maintenance	1.147	7.07125	Restoration work Completed
3	Katihar	Awdhesh Nagar To Badhiya Tola	Maintenance	3.183	31.52007	Restoration work Completed
4	Katihar	Tikapatti Laliya Chowk to Tikapatti Nagari Tola	Maintenance	0.620	27.26802	Restoration work Completed
5	Katihar	Bajrangbali Chowk To Moresanda	Out of Maintenance	1.785	16.81300	Restoration work Completed
6	Katihar	Const. Of Bridge at Koshi Dhaar near Naggar Village in T05 to Tikapatti Road under Sameli Block	Maintenance	0.300	6.88003	Restoration work Completed
7	Katihar	Dirabasa to Dirachandpur East	Maintenance	1.080	9.42625	Restoration work Completed
8	Katihar	Kursela Sarsi Chandpur to Badhaiya Tola via Dumaria Road	Maintenance	1.760	7.49314	Restoration work Completed
9	Katihar	Mansur Miya ke Kamat to Satbehari Paschim Tola	Ongoing	2.660	9.58151	Restoration work Completed
10	Katihar	Dumar Hat To Bakhari Railway Station Via Marghia	Out of Maintenance	5.858	41.70403	Restoration work Completed
11	Katihar	Tarini Choudhary House to Mahadalit Tola	Ongoing	0.500	8.05005	Restoration work Completed
12	Katihar	Mahavir Mandir to Chatrakanhi	Ongoing	0.500	13.77905	Restoration work Completed
13	Katihar	Bandh tola to Dolangi tola	Maintenance	1.504	7.85009	Restoration work Completed
14	Katihar	Const. Of Bridge at Koshi Dhaar near Narahiya Nahar in T05 to Tikapatti Road under Sameli Block	Maintenance	167.5 M	3.05603	Restoration work Completed


23.11.2021
कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रखण्ड-समेती


23.11.2021
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल प्रमंडल, समेती


23.11.2021
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, कटिहार।


23.11.2021
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, ननिहारी।

ग्रामीण कार्य विभाग , कार्य प्रमंडल, कटिहार।

प्रखण्ड – समेली

योजना का नाम – अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त “टी05 से टिकापट्टी पथ में नरहिया नहर के पास कोशी धार पर पुल निर्माण कार्य” पुल का आकस्मिक मरम्मति कार्य (पार्ट-Α)

पथ की कुल लम्बाई – 48.58 मी०

क्षतिग्रस्त पथांश की लम्बाई – 81 मी०

प्राक्कलित राशि – रू० 3,05,603.00

शीर्ष –FDR (3054)

प्रतिवेदन

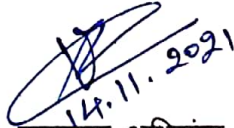
प्रस्तुत प्राक्कलन अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन रू० 3,05,603.00 मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार के द्वारा शीर्ष FDR के अन्तर्गत बनाया गया है।

तत्काल आवागमन को चालू रखने एवं पथ को और ज्यादा क्षतिग्रस्त होने से बचाने हेतु आकस्मिक मरम्मति के लिए पथांशों में Brick Bats, बॉस पाईलिंग, चचरी एवं रनर से बचाव का कार्य का प्रावधान किया गया है।

पथ मरम्मति 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।



14.11.2021
कनीय अभियंता,
समेली



14.11.2021
सहायक अभियंता,
ग्रा०का०वि०, कार्य अवर प्रमंडल,
समेली



कार्यपालक अभियंता
ग्रा०का०वि०, कार्य प्रमंडल,
कटिहार।

NAME OF WORK:- Restoration work of Road from Const. Of Bridge at Koshi Dhaar near Narahiya Nahar in T05 to Tikapatti Road

Total Length :- 48.58 M

Restoration Length :- 81 M

ABSTRACT OF COST			
1	Cost of Emergent repair of road	Rs.	2,59,690.70
2	Add 1 % Labour Cess	Rs.	2,597.00
3	Add 12 % GST	Rs.	31,163.00
4	Add for Seigniorage Fee	Rs.	12,152.00
Total :-		Rs.	3,05,602.70
Say		Rs.	3,05,603.00


14.11.2021
J.E.


14.11.2021
A.E.
RWD, Sub-Division, Sameli


14.11.2021
E.E.
RWD (W) Div. Katihar

Approval
Provisional Technical Sanction for ₹ 3,05,603.00
(Rupees Three lac five thousand six hundred three only).


अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंश, पूर्णिया

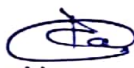

08/03/22
E.O.

NAME OF WORK:- Restoration work of Road from Const. Of Bridge at Koshi Dhaar near Narahiya Nahar in T05 to Tikapatti Road

Total Length :- 48.58 M

Restoration Length :- 81 M

Sl. No.	ITEM OF WORKS	QTY	UNIT	RATE	AMOUNT
1	Providing and Laying of Brick Bats Placing tractor at loading point loading with front end loader dumpsong ,turning for return trip excludng time for haulage and return trip				
	$1 \times 26.7 \times \left(\frac{1.80 + 1.50 + 1.20}{3} \right) \times \left(\frac{1.30 + 0.90 + 0.80}{3} \right) = 40.05$				
	$1 \times 26.6 \times \left(\frac{1.90 + 1.40 + 1.30}{3} \right) \times \left(\frac{1.20 + 1.00 + 0.75}{3} \right) = 40.11$				
	$1 \times 13.9 \times \left(\frac{1.00 + 0.90 + 1.10}{3} \right) \times \left(\frac{1.20 + 1.40 + 1.20}{3} \right) = 17.61$				
	$1 \times 13.8 \times \left(\frac{1.30 + 1.00 + 1.10}{3} \right) \times \left(\frac{1.40 + 1.40 + 1.30}{3} \right) = 21.37$				
	Total	119.14	cum	1,879.70	2,23,944.00
3	Labour for cutting 62 mm to 75 mm dia bamboo piles in size and making shoes and driving etc. complete job as per specification and direction E/L.				
	$1 \times 46 \text{ No.} \times 2.0 \text{ M} = 92.00$				
	$1 \times 38 \text{ No.} \times 2.0 \text{ M} = 76.00$				
	Total	168.00	M	49.30	8,282.40
4	Labour for fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every verticle pile with 150 mm long nails or 38 swg G. L. wire including cost of G.L. or nails complete job as per specification and direction of E/L				
	$1 \times 23 \text{ No.} \times 10.0 \text{ M} = 230.00$				
	$1 \times 18 \text{ No.} \times 10.0 \text{ M} = 180.00$				
	$3 \times 2 \text{ No.} \times 26.5 \text{ M} = 159.00$				
	Total	569.00	M	26.37	15,004.53
5	Labour for fitting and and fixing split bamboo woven chachari in position with 20 swg G.L. wire of 75 mm to 100 mm long nails alternatively including cost of G.L. wire or nails complete job as per specification and direction of E/L				
	$26.5 \text{ M} \times 1.0 \text{ M} = 26.50$				
	$26.5 \text{ M} \times 1.0 \text{ M} = 26.50$				
	Total	53.00	Sqm	235.09	12,459.77
	Total cost			Rs.	2,59,690.70


14.11.2021
J.E.


14.11.2021
A.E.


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 excludng time for haulage and return trip	Cum	119.14	1,020.00	102.00	12,152.00
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, stitching the bags and placing including supply of suti etc. all complete as per approved design, specifcaiton and direction E/I.	Nos	-	7.82	0.78	-
5	Labour for filling empty cement bags with local sand, stitching 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.		12,152.00

14.11.2021
J'E

14.11.2021

21/11/2021



(Signature)

14.11.2021
J.E

(Signature)
14.11.2021
A.E

(Signature)
14/11/2021
S.E