



GOVERNMENT OF BIHAR

NAME OF WORK :- *Rēstoration work of Road from Khaira To
Khaira Santhali Tola in Katihar Block, Katihar*

(FDR PART-A)

Restoration Length :- 0.150 Km

Block:- Katihar

DETAILED PROJECT REPORT

UNDER FDR (2245)

ESTIMATED COST

Rs. 19,78,137.00

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

तकनीकी प्रतिवेदन

योजना का नाम :- अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त "खैरा से खैरा संधाली टोला" पथ का आकस्मिक मरम्मत कार्य (पार्ट-A)

क्षतिग्रस्त पथ की लम्बाई :- 150 मी०

प्राक्कलित राशि :- रू० 19,78,137.00

योजना शीर्ष :-FDR (2245)

प्राधिकार :- सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-2789 दिनांक 21.08.2020

प्रतिवेदन

प्रस्तुत प्राक्कलन अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन रू० 19,78,137.00 मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार के द्वारा शीर्ष FDR के अन्तर्गत बनाया गया है।

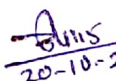
पथ के आकस्मिक मरम्मत हेतु पथांशों में Brick Bats, बॉस पाईलिंग, चचरी एवं खाली सिमेंट बैग में लोकल बालू भरकर बचाव का कार्य करते हुए यातायात पुर्नस्थापित किया गया है।

पथ मरम्मत कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं सामग्री की दुलाई निकटतम खदान से प्रावधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं हैं। उक्त कार्य को विभागीय रूप से कराये जाने हेतु आदेश प्राप्त है (प्रति संलग्न) एवं प्रशासनिक स्वीकृति हेतु तकनीकी अनुमोदन अपेक्षित है।

प्रमाणित किया जाता है कि प्राक्कलन कार्य स्थल के अनुरूप है।


20/10/2020

कनीय अभियंता,
कटिहार


20-10-2020

सहायक अभियंता,
ग्रा०का०वि०, कार्य अवर प्रमंडल,
कटिहार।


20/10/2020

कार्यपालक अभियंता
ग्रा०का०वि०, कार्य प्रमंडल,
कटिहार।

NAME OF WORK:- Restoration work of Road from Khaira To Khaira Santhali Tola in Katihar Block, Katihar

Total Length :- 0.980 Km

Restoration Length :- 0.150 Km

ABSTRACT OF COST

Sl. No.		Unit	Rates	Quantity	Amount
1	Providing and Laying of Brick Bats: Placing tractor at loading point loading with front end loader dumpong, turning for return trip exluding time for haulage and return tirp	Cum	1,717.37	814.12	13,98,145.00
2	Providing, cutting and fixing of 62 mm to 75 mm dia bamboo piles in size with making shoes and driving etc. complete job as per specification and direction E/I.	Rm	47.58	1,137.40	54,117.00
3	providing, 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. I. wire including cost of G.I. or nails complete job as per specification and direction of E/I	Rm	24.71	220.00	5,436.00
4	Labour for fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 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/I.	Sqm	221.69	101.20	22,435.00
5	Providing including labour for filling empty cement bag with local sand, stiching the bag and placing including supply of sutali etc. all complete as per approved design, specification and direction of E/I	Nos	32.14	5,778.00	1,85,705.00
	Total Amount			Rs.	16,65,838.00
	Add for GST @ 12%			Rs.	1,99,901.00
	Add for Labour Cess @ 1%			Rs.	16,658.00
	Add for Seignoirage Fee			Rs.	95,740.00
	Gross Total Amount			Rs.	19,78,137.00
	Say			Rs.	19,78,137.00

[Signature]
J.E. 20/10/2020

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20-10-2020
A.E.

RWD, Sub-Division, Katihar

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E.E. 20/10/2020

RWD (W) Div. Katihar

Technically approved for Rs 19,78,137.00 (Rupees Nineteen lac seventy eight thousand one hundred thirty seven) only.

checked by me
[Signature]
20/3/21
A.E.

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SUPERINTENDING ENGINEER
R.W.D. WORK CIRCLE, FURNEA

NAME OF WORK:-**Restoration work of Road from Khaira To Khaira Santhali Tola in Katihar Block, Katihar**

Total Length :-

0.980 Km

Restoration Length :- 0.150 Km

Sl. No.	ITEM OF WORKS	Nos	Length	Breadth	Height	QTY	UNIT
1	Providing and Laying of Brick Bats: Placing tractor at loading point loading with front end loader dumpong, turning for return trip exluding time for haulage and return tirp						
		1 x	19.900	$\times \left(\frac{5.200 + 4.900}{2} \right)$	$\times \left(\frac{0.300 + 0.450}{2} \right)$	= 37.69	Cum
		1 x	17.000	$\times \left(\frac{4.900 + 5.600}{2} \right)$	$\times \left(\frac{0.300 + 0.450}{2} \right)$	= 33.47	Cum
		1 x	26.500	$\times \left(\frac{5.400 + 4.900}{2} \right)$	$\times \left(\frac{3.000 + 2.800}{2} \right)$	= 395.78	Cum
		1 x	24.000	$\times \left(\frac{4.600 + 4.800}{2} \right)$	$\times \left(\frac{0.300 + 0.450}{2} \right)$	= 42.30	Cum
		1 x	13.500	$\times \left(\frac{5.000 + 5.400}{2} \right)$	$\times \left(\frac{0.300 + 0.450}{2} \right)$	= 26.33	Cum
		1 x	29.500	$\times \left(\frac{4.800 + 5.200}{2} \right)$	$\times \left(\frac{1.500 + 1.800}{2} \right)$	= 243.38	Cum
		1 x	16.600	$\times \left(\frac{5.200 + 6.100}{2} \right)$	$\times \left(\frac{0.300 + 0.450}{2} \right)$	= 35.17	Cum
	Total Quantity					= 814.12	Cum
2	Providing, cutting and fixing of 62 mm to 75 mm dia bamboo piles in size with making shoes and driving etc. complete job as per specification and direction E/I.						
		1 x	94.000 Nos	$\times \left(\frac{5.500 + 5.500}{2} \right)$	m	= 517.00	m
		1 x	94.000 Nos	$\times \left(\frac{6.600 + 6.600}{2} \right)$	m	= 620.40	m
	Total Quantity					= 1,137.40	m
3	providing, 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. I. wire including cost of G.I. or nails complete job as per specification and direction of E/I						
		2 x	5.000 Nos	x	22.000 m	= 220.00	m
	Total Quantity:-					= 220.00	m

Sl. No.	ITEM OF WORKS	Nos	Length	Breadth	Height	QTY	UNIT
4	Labour for fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 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/I.	1 x	22.000 m	x	4.600 m	=	101.20 Sqm
Total Quantity:-						=	101.20 Nos
5	Providing including labour for filling empty cement bag with local sand, stitching the bag and placing including supply of sutali etc. all complete as per approved design, specification and direction of E/I	1 x	5,778.000 Nos			=	5,778.00 Nos
Total Quantity:-						=	5,778.00 Nos

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I.E. 20/10/2020


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RWD, Sub-Division, Katihar


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20/10/2020
Executive Engineer
RWD. (W) Div Katihar.

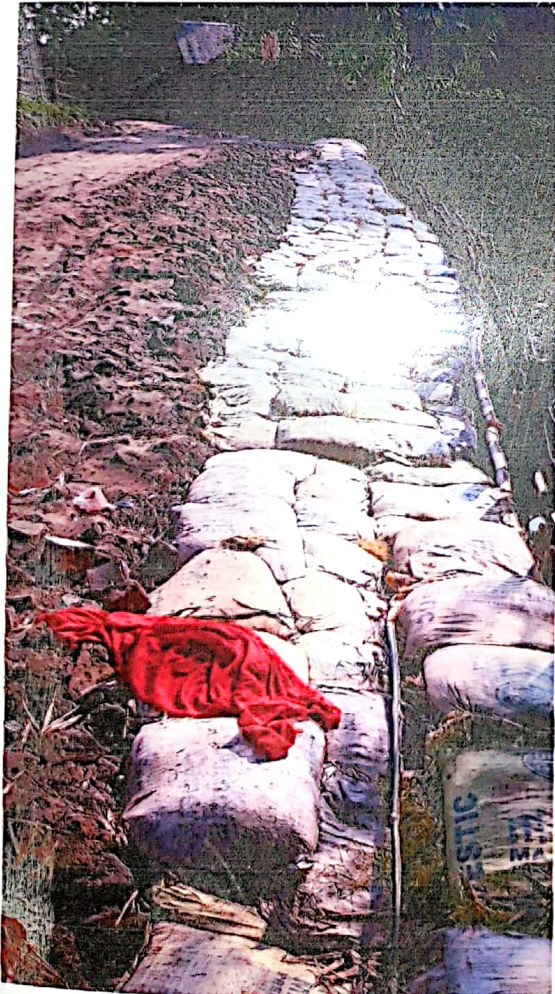
Seigniorage Fee

Sl. No.	Description	Unit	Quantity	Rate	Amount (In Rs.)	@	Add Seigniorage Fee 10%
1	EARTHWORK 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 Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5						
		Material Compensation For Earth Taken From Private Land	Cum	-	34.81	-	10%
2	Providing and Laying of Brick Bats Placing tractor at loading point loading with front end loader dumpong, turning for return trip excluding time for haulage and return trip						
		Material Brick Bats	Cum	814.12	1,063.00	8,65,409.56	10%
3	Labour for cutting and fixing of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I.						
		Material 62 mm to 75 mm dia bamboo	Rm	1,137.40	20.21	22,986.85	10%
4	Labour for fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 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/I.						
		Material 62 mm to 75 mm dia bamboo 20 swg G.I. wire or 75 mm to 150 mm long nails	Sqm Kg	101.20 1.66	152.31 50.00	15,413.77 83.00	10% 10%

Sl. No.	Description	Unit	Quantity	Rate	Amount (In Rs.)	@	Add Seigniorage Fee 10%
5	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. I. wire including cost of G.I. or nails complete job as per specification and direction of E/I						
	Material						
	62 mm to 75 mm dia bamboo	Rm	220.00	20.21	4,446.20	10%	445.00
	20 swg G.I. wire or 75 mm to 100 mm long nails	Kg	3.67	50.00	183.50	10%	18.00
6	Providing including labour for filling empty cement bag with local sand, stitching the bag and placing including supply of sutali etc. all complete as per approved design, specification and direction of E/I						
	Material						
	Sand Bags (Cost of Sand and empty cement bag)	Nos	5,778.00	8.46	48,881.88	10%	4,888.00
	Sutali	Kg	-	34.20	-	10%	-
	Total Seigniorage Fee						95,740.00


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Kathman

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ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार।

बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों/पुलों की आपातकालीन मरम्मत हेतु जाँच प्रतिवेदन।

(वित्तीय वर्ष-2020-21)

Block - Katihar

Sl No.	Name of District	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	8
1	Katihar	Katihar	Chitabari_Sonali_Road - Mahdai Road	Completed	2.600	492410.00	Restoration Work Complete
2	Katihar	Katihar	Katihar Pranpur PWD Road to Kandarpailli at Dhusmar	Completed	5.600	1763709.00	Restoration Work Complete
3	Katihar	Katihar	Khaira To Khaira Santhali Tola	Completed	0.980	1978137.00	Restoration Work Complete
4	Katihar	Katihar	Partaili Chowk to Hafaganj Kuraita Via Patthalbari	Completed	4.050	741952.00	Restoration Work Complete
5	Katihar	Katihar	Khaira Gumti to Chikni Ghat	Completed	1.100	1190696.00	Restoration Work Complete
6	Katihar	Katihar	Bastoul Maniya Pul To Budhiya Tikkar (Santhali)	Completed	0.870	798936.00	Restoration Work Complete
7	Katihar	Katihar	Katihar Purnea Main road to Military Camp. Via Kanwa Tola	Completed	2.050	439544.00	Restoration Work Complete
Total :-						7405384.00	

(Signature)
 (ई० घमैन्द्र कुमार)
 कनीय अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रशाखा, हसनगंज।

(Signature)
 12-03-2021
 (ई० उपेन्द्र प्रसाद)
 सहायक अभियंता
 ग्रामीण कार्य विभाग
 कार्य अवर प्रमंडल, कटिहार।

(Signature)
 (ई० चन्द्रहंस कुमार)
 कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमंडल, कटिहार।

(Signature)
 (ई० अम्यानन्द शर्मा)
 कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमंडल, मनिहारी।