



GOVERNMENT OF BIHAR

NAME OF WORK :- Restoration work of Road from Partaili Chowk
to Haflaganj Kuraita via Patthalbari in Katihar Block, Katihar

(FDR PART-A)

Restoration Length :- 0.300 Km

Block:- Katihar

DETAILED PROJECT REPORT

UNDER FDR (2245)

ESTIMATED COST

Rs. 7,41,952.00

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

तकनीकी प्रतिवेदन

योजना का नाम :- अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त "परतौली चौक से हफलागंज कुरैठा भाया पत्थलबारी" पथ का आकस्मिक मरम्मत कार्य (पार्ट-A)

क्षतिग्रस्त पथ की लम्बाई :- 300 मी०

प्राक्कलित राशि :- ₹0 7,41,952.00

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 ₹0 7,41,952.00 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 एवं ह्यूम पाईप से बचाव का कार्य करते हुए यातायात पुर्नस्थापित किया गया है।

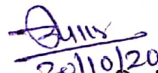
पथ मरम्मत कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं सामग्री की दुलाई निकटतम खदान से प्रावधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं हैं।

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
JE

कनीय अभियंता,
कटिहार


20/10/20

सहायक अभियंता,
ग्रा०का०वि०, कार्य अवर प्रमंडल,
कटिहार।


20/10/20

कार्यपालक अभियंता
ग्रा०का०वि०, कार्य प्रमंडल,
कटिहार।

NAME OF WORK:- Restoration work of Road from Partaili Chowk to Haflaganj Kuraitha via Patthalbari in Katihar Block, Katihar

Total Length :- 4.030 Km

Restoration Length :- 0.300 Km

ABSTRACT OF COST

Sl. No.		Unit	Rates	Quantity	Amount
1	<u>Providing and Laying of Brick Bats:</u> Placing tractor at loading point loading with front end loader dump, turning for return trip excluding time for haulage and return trip	Cum	1,717.37	357.71	6,14,320.00
2	<u>Providing and Laying Reinforced Cement Concrete Pipe NP3</u> Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.	Cum	1,150.00	7.50	8,625.00
	Total Amount				Rs. 6,22,945.00
	Add for GST @ 12%				Rs. 74,753.00
	Add for Labour Cess @ 1%				Rs. 6,229.00
	Add for Seigniorage Fee				Rs. 38,025.00
	Gross Total Amount				Rs. 7,41,952.00
	Say				Rs. 7,41,952.00

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

[Signature]
20/10/20
A.E.
RWD, Sub-Division,
Katihar

[Signature]
E.E. 20/10/20
RWD (W) Div. Katihar

Technically approved for ₹ 7,41,952.00 (₹ seven lac forty one thousand nine hundred fifty two) only.

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

[Signature]
20.3.21
SUPERINTENDING ENGINEER
R.W.D. WORKS CIRCLE, PURNEA

NAME OF WORK:-**Restoration work of Road from Partaili Chowk to Haflaganj
Kuraitha via Patthalbari in Katihar Block, Katihar**

Total Length :-

4.030 Km

Restoration Length :- 0.300 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 excludng time for haulage and return tirp						
		1 x	22.000	$\times \left(\frac{0.500 + 1.200}{2} \right)$	$\times \left(\frac{0.800 + 1.200}{2} \right)$	= 18.70	Cum
		1 x	5.500	$\times \left(\frac{4.800 + 6.200}{2} \right)$	$\times \left(\frac{1.800 + 2.600}{2} \right)$	= 66.55	Cum
		1 x	29.000	$\times \left(\frac{0.800 + 1.900}{2} \right)$	$\times \left(\frac{0.450 + 2.000}{2} \right)$	= 47.96	Cum
		1 x	76.000	$\times \left(\frac{0.500 + 1.400}{2} \right)$	$\times \left(\frac{0.800 + 2.000}{2} \right)$	= 101.08	Cum
		1 x	44.000	$\times \left(\frac{1.000 + 1.800}{2} \right)$	$\times \left(\frac{0.450 + 1.500}{2} \right)$	= 60.06	Cum
		1 x	88.000	$\times \left(\frac{0.400 + 1.200}{2} \right)$	$\times \left(\frac{0.300 + 1.500}{2} \right)$	= 63.36	Cum
						= 357.71	Cum

Total Quantity

- 2 Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets

600 MM DIA (Single Row)

3 x 2.500

= 7.50 Cum


J.E. 20/10/2020


A.E.
RWD, Sub-Division, Katihar


Executive Engineer
RWD. (W) Div. Katihar.

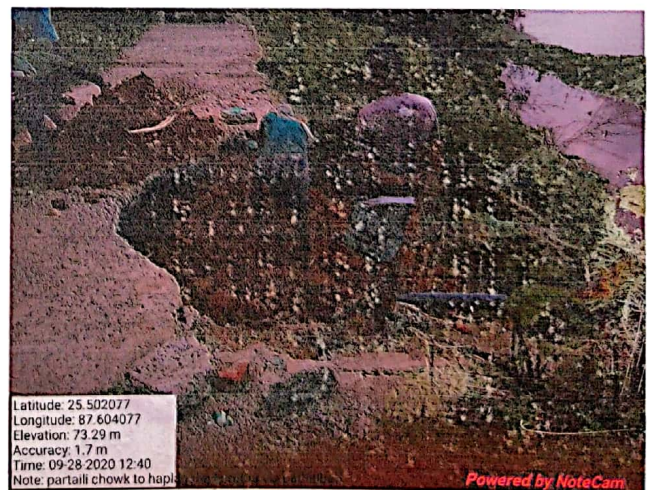
Seigniorage Fee

Sl. No.	Description	Unit	Quantity	Rate	Amount (In Rs.)	@	Add Seigniorage Fee 10%
	EARTHWORK						
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 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 dumping, turning for return trip excluding time for haulage and return trip						
	Material						
	Brick Bats	Cum	357.71	1,063.00	3,80,245.73	10%	38,025.00
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		20.21	-	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	Sqm		152.31	-	10%	-
	20 swg G.I. wire or 75 mm to 150 mm long nails	Kg		50.00	-	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		20.21	-	10%	-
	20 swg G.I. wire or 75 mm to 100 mm long nails	Kg		50.00	-	10%	-
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		8.46	-	10%	-
	Sutali	Kg	-	34.20	-	10%	-
	Total Seigniorage Fee						38,025.00


 20/10/20
 A-E
 Kofher


 20/10/2020
 JE



[Signature]
20/10/2020
JE

[Signature]
20.10.20
A.E
Kathian

[Signature]
20/10/2020

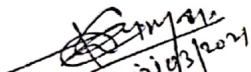
ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार।

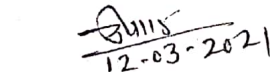
बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों/पुलों की आपातकालीन मरम्मत हेतु जाँच प्रतिवेदन।

(वित्तीय वर्ष-2020-21)

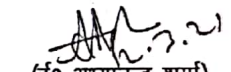
Block - Katihar

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 Haflaganj 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	


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


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


12/3/2021
(ई० चन्द्रहास कुमार)
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, कटिहार।


12.3.21
(ई० अम्यानन्द शर्मा)
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, मनिहारी।