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NAME OF ROAD :- Detailed Estimate for Temporary Restoration of Road from L044-L041 CHOTI FATORIYA TO BARI FATORIYA

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- YEAR (2020 - 2021)

Actual Length of Road :- 3.596 Km

Flood Affected Length of R :- 0.250 Km

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प्रतिवेदन

पथ का नाम:- 2044 - Lohi chotti fatoriya To Bari fatoriya.

प्रखंड:- Alamnagar

जिला:- मधेपुरा

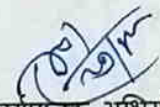
पथ की कुल लम्बाई:- 3.596 कि०मी०

प्रसासनिक स्वीकृति की राशि:- लाख

प्रस्तुत प्राक्कलन मो०:- 15.996 लाख का वर्ष 2020 में आयी बाढ़ एवम् अतिवृष्टि से क्षत्रिग्रस्त पथों को मानक अवस्था में लाने हेतु विभागीय पत्रांक- मु०अ०-4(मु०)विविध (कार्य)-23-291/2019 726 पटना,दिनांक-12-02-2020 ,पत्रांक- मु०अ०-4(मु०)विविध (कार्य)-23-116/2017 3446 दिनांक 18.09.2020 एवम् पत्रांक- मु०अ०-4(मु०)विविध (कार्य)-23-56/2016 726 पार्ट-1-4665 पटना,दिनांक-15.12.2020 के द्वारा दिए गये निर्देश का अनुपालन कर ग्रामीण कार्य विभाग,कार्य प्रमंडल,उदाकिशुनगंज के अधीन स्वीकृत प्राक्कलन के दर पर तैयार की गयी है।


कनीय अभियंता


सहायक अभियंता


कार्यपालक अभियंता

ग्रामीण कार्य विभाग,कार्य प्रमंडल

उदाकिशुनगंज

FDR
YEAR (2020 - 2021)

GENERAL ABSTRACT OF COST

Block:--Alamnagar

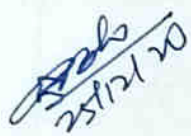
District:--Madhepura

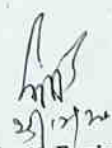
Length of Road:-- 3.596 KM

Length of Affacted Road in M 250

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from L044-L041
CHOTI FATORIYA TO BARI FATORIYA

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	14.156	Lacs
B	Add L.Cess@ 1%	0.142	Lacs
c	Add GST@12%	1.699	Lacs
	TOTAL	15.996	Lacs


Junior Engineer
RWD (w) SUB Division ALAMNAGAR


Asstt. Engineer
RWD (w) SUB Division ALAMNAGAR


Executive Engineer
RWD (w) Division,
Udakisunganj

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Detailed Estimate for Temporary Restoration of Road
from L044-L041 CHOTI FATORIYA TO BARI FATORIYA
DISTRICT Madhepura
BLOCK Alamnagar
LENGTH OF ROAD (in Km) 3.596
LENGTH OF AFFECTED ROAD (in m) 250.000

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position split Bamboo woven chanchary	0.1214
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.0692
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0152
4	Supplying of nariyal coir	0.0017
5	Providing fitting and fixing split bamboo woven chachari	0.0000
6	Labour filling empty cement bag with local sand, stitching the bags and p	10.4250
7	Sand filling in foundation trench	0.0000
8	Providing and Laying Of Brick Bat obtained from chimney	3.52
	Sub Total :-	14.1561920
	ADD GST @12%	1.6987430
	Add L.cess Charges @ 1% of Sub Total :-	0.1415619
	TOTAL COST OF PROJECT IN LACS =	15.9964970

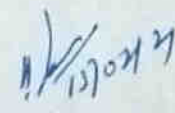

J.E.


A.E.

say 15.997


E.E.

Technically approved for Rs 15,99.70000 (Rupees
Fifteen lakh ninety nine thousand and seven hundred)
only.


Superintending Engineer
Rural Works Department
Works Circle Madhepura

DETAIL ESTIMATE

Sl. No.	SDH SL. NO.	MORD Ref. No.	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
1	14.2		Supplying fitting andfixing in position split Bamboo woven chanchary with 20SWG G.I etc all complete job (75mm dia and 6 meter to 8 meter Long) Pile	m	50.00 45.00	1.50 2.00			75.00 90.00 0.00 0.00		
			Runner		6.00 5.00	25.00 30.00			150.00 150.00 0.00 0.00 0.00 0.00 0.00		
			Total Length of bamboo in meter Total qty (Length/6mtr) Say						465.00 77.50 78.00	155.65	12,141.00
2	5.7.7		Labour for cutting 62mm to 75mm dia bamboo piles in size and making shoe.Do complete job as per specification.,								
3	5.7.9		Labour for cutting 62mm to 75mm dia bamboo Runner in size and making shoe.Do complete job as per specification.,		1.00	165.00			165.00	41.91	6,915.15
4			Runner	kg	1.00	300.00			300.00	5.06	1,518.00
5			Supplying of Nariyal coir	kg	1.00	6.00			6.00	27.98	167.88
			Providing fitting andf fixing split bamboo woven chachari in position with 20SWG wire of 75mm to 100mm long nails alternatively including cost of G.I wire or nails,bamboo labour for — complete job as per specification and direction of E/I	sqm					0.00 0.00		

Sl. No.	SDB SL. NO	MORD Ref/No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
6			Total						0.00	641.00	0.00
			Labour filling empty cement bag with local sand, stitching the bags and placing including supply of sutli etc. all complete job as per approved design, specification and direction of E/I	100nos	5.00	50.00	8.00	5.00	10,000.00		
					5.00	50.00	8.00	5.00	10,000.00		
					5.00	50.00	8.00	5.00	10,000.00		
7			Sand filling in foundation trenches as per Drawing & Technical Specification	%nos					0.00		
				cum					30,000.00	3,475.00	10,42,500.00
8			Providing and Laying Of Brick Bat obtained from chimney with mechanical means with spreading, grading to required slop and compacted at OMC to achieve required density with all complete job as per the direction of E/I						0.00	535.35	0.00
			1ST TIME REASTORATION(Annexture)closed	cum					187.94		
			2ND TIME RESTORATION(Annexture)closed						0.00		
			3rd TIME RESTORATION								
			AS PER ANNEXTURE CLOSED						187.94	1,874.97	3,52,377.17
			TOTAL COST OF RESTORATION IN Rs								14,15,619.20


 25/12/20
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CALCULATION SHEET

Name of Road:- L044-L041 CHOTI FATORIYA TO BARI FATORIYA

Block:- Alamnagar

Length of Road:- 3.596 KM

Affected Length of 0.250

District:- MADHEPURA

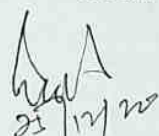
S.No.	Description	LENGTH	Nos.	Length(m)	Width(m) avg	Avg.height (m)	Quantity(cum)
1	1st Km	5	1	5.00	2.25	0.350	3.938
		8.75	1	3.75	3.00	0.35	3.938
		25.25	3	5.50	2.50	0.25	10.313
		35.25	2	5.00	2.00	0.35	7.000
		47.25	3	4.00	2.75	0.40	13.200
2	2n KM	72.25	5	5.00	3.00	0.45	33.750
		97.25	5	5.00	3.00	0.40	30.000
		127.25	5	6.00	1.50	0.35	15.750
		147.25	4	5.00	2.75	0.25	13.750
3	3rd KM	162.25	5	3.00	1.75	0.40	10.500
		177.25	5	3.00	2.00	0.45	13.500
		193.25	4	4.00	1.75	0.35	9.800
		218.25	5	5.00	2.25	0.40	22.500

Total qty in cum =

187.94


Junior Engineer

RWD (w) SUB Division
ALAMNAGAR


Asstt. Engineer

RWD (w) SUB Division ALAMNAGAR


Executive Engineer

RWD (w) Division,
Udakisunganj

Name of Road:-

Block :-

District:-

Madhepura

District:-		Madhepura		Carriage Cost & Lead in Km										Loading & Unloading Cost	Carriage Cost by Rail Head	Total *			
Sl No	Item	Unit	Source	Pucka / Surface					Kuchcha / Surface										
1	Brick Bats	Nos	Local	3.60	x	18.58	x	5.00 Km	=	Rs 148.64	3.60	x	29.03	x	2.00 Km	=	Rs 92.90	Rs 184.38	Rs 425.92
				2.25						2.25									
2	Local Sand	cum	Local	3.60	x	18.58	x	2.00 Km	=	Rs 59.46	3.60	x	29.03	x	1.00 Km	=	Rs 46.45	Rs 184.38	Rs 290.29
				2.25						2.25									
3	Bamboo	Nos	Local	3.6	x	18.58	x	2.00 Km	=	Rs 59.46	3.60	x	29.0805	x	1.00 Km	=	Rs 46.53	Rs 184.38	Rs 290.37
				2.25						2.25									

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tractor
For Surface Road	18.58
Unsurface Gravel Road	23.21
Kachha Road	29.03

[Signature]
25/12/20

Junior Engineer

[Signature]
25/12/20

Asstt. Engineer

[Signature]

Executive Engineer

RWD (W) Division, Udakishungani