

Index of Road

NAME OF ROAD :-

Detailed Estimate for Temporary Restoration
of Road from BARGAWN TO PARAIL

DISTRICT :-

Madhepura

BLOCK :-

Alamnagar

Head :-

F.D.R.

Year :-

YEAR (2020 - 2021)

Actual Length of Road :-

2.10 Km

Flood Affected Length of R :-

0.450 Km

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7	Basic Rate of Labour, Material &	
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9	Photographs of Pre & Post Cuttings	

प्रतिवेदन

पथ का नाम:- *Bordgawa To Parail.*

प्रखंड:- *Hamnagar.*

जिला:- मधेपुरा

पथ की कुल लम्बाई:- 2.100 कि०मी०

प्रसासनिक स्वीकृति की राशि:-

लाख

प्रस्तुत प्राक्कलन मो०:- 11.943 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।

[Signature]
29/12/20

कनीय अभियंता

[Signature]
29/12/20

सहायक अभियंता

[Signature]
29/12/20

कार्यपालक अभियंता

ग्रामीण कार्य विभाग,कार्य प्रमंडल

उदाकिशुनगंज

FDR
YEAR (2020 - 2021)

GENERAL ABSTRACT OF COST

Block:--Alamnagar

District:--Madhepura

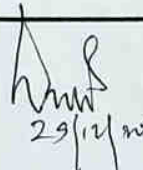
Length of Road:-- 2.100 KM

Length of Affected Road in 450
meter

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from BARGAWN
TO PARAIL

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	10.569	Lacs
C	Add L.Cess@ 1%	0.106	Lacs
	Add GST@12%	1.268	Lacs
	TOTAL	11.943	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 BARGAWN TO PARAIL
DISTRICT Madhepura
BLOCK Alamnagar
LENGTH OF ROAD (in Km) 2.10
LENGTH OF AFFECTED ROAD (in m) 450.000

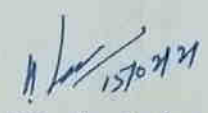
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	construction of embankment(shoulder)	0.33614
2	Supplying fitting andfixing in position splot Bamboo woven chanchary	0.6615
3	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.6496
4	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0506
5	Supplying of nariyal coir	0.0020
6	Providing fitting andf fixing split bamboo woven chachari i	0.0000
7	Labour filling empty cement bag with local sand,stiching the bags and p	6.9500
8	Sand filling in foundation trenche	0.0000
9	Providing and Laying Of Brick Bat obtained from chimney	1.92
	Sub Total ` :-	10.569
	ADD GST @12%	1.268
	Add L.ccess Charges @ 1% of Sub Total ` :-	0.106
	TOTAL COST OF PROJECT IN LACS =	11.943


29/12/20
J.E


29/12/20
A.E


29/12/20
E.E

*Technically approved for Rs 11,94,300.20 (Rupees Eleven
Lakh ninty four thousand and three hundred) only.*


15/01/21
Superintending Engineer
Rural Works Department
Works Circle Madhepura

DETAIL ESTIMATE

Sl. No.	SDB SL. NO	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1	3.4	301.5	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m & 100 m as per Technical Specification Clause 301.5. (Including Royalty & Labour Cess).	Cum	2.00	200.00	1.000	0.50	200.00	168.07	33,614.00
				Cum					0.00		0.00
2	14.2		Supplying fitting andfixing in position splot Bamboo woven chanchary with 20SWG G.I etc all complete job (75mm dia and 6 meter to 8 meter Long) Pile Runner	m	5.00 4.00 2.00 2.00	100.00 100.00 5.00 5.00	1.50 2.00 50.00 50.00		750.00 800.00 0.00 0.00 500.00 500.00 0.00 2,550.00 425.00 425.00	155.65	66,151.25
3	5.7.7		Total Length of bamboo in meter Total qty (Length/6mtr) Say Labour for cutting 62mm to 75mm dia bamboo piles in size and making shoe.Do complete job as per specification.,								
4	5.7.9		Piles Labour for cutting 62mm to 75mm dia bamboo Runner in size and making shoe.Do complete job as per specification.,		1.00	1,550.00			1,550.00	41.91	64,960.50
5			Runner Supplying of Nariyal coir	kg	1.00	1,000.00			1,000.00	5.06	5,060.00
					1.00	7.00			7.00	27.98	195.86

Sl. No.	SDR SL. NO	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
6			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	1.00	100.00	8.00	8.00	6,400.00		
					1.00	100.00	6.00	8.00	4,800.00		
					1.00	100.00	6.00	8.00	4,800.00		
					1.00	100.00	5.00	8.00	4,000.00		
									20,000.00	3,475.00	6,95,000.00
7			Sand filling in foundation trenches as per Drawing & Technical Specification	cum					0.00		
									0.00		
									0.00		
									0.00		
									0.00		
									0.00	535.35	0.00
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	cum					0.00		
			1ST TIME REASTORATION(Annexture)closed						0.00		
			2ND TIME RESTORATION(Annexture)closed						102.375		
			3rd TIME RESTORATION AS PER ANNEXTURE CLOSED						0.000		
									102.375	1,874.97	1,91,950.05
			TOTAL COST OF RESTORATION IN Rs								10,56,931.66

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Handwritten signature and date 22/11/20

CALCULATION SHEET

Annexure-A

Name of Road:- BARGAWN TO PARAIL

Block:- Alamnagar

Length of Road:- 2.100 KM

Length of Affected Road:- 0.450 KM

District:- Madhepura

S.No.	Description	Unit	Nos.	Length (m)	Width 1	width 2	Avg.width	Height1	Height 2	Avg Height/ Thickness (m)	Quantity(cu m)
1	1st cutting in 1ST Km	cum	1	21.00	5.00	8.00	6.50	0.50	1.00	0.75	102.375
2	2nd cutting in second Km	cum									0.000
2	3rd cutting in second Km	cum									0.000
Total wash out qty in cum =											102.375

21.00

Total wash out qty in cum =

102.375

J.E

A.E

E.E

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	Pukka / Surface					Kuchcha / Surface										
1	Brick Bats	Nos	Local	3.60 2.25	x	18.58	x	5.00 Km	=	Rs 148.64	3.60 2.25	x	29.03	x	2.00 Km	=	Rs 92.90	Rs 184.38	Rs 425.92
2	Local Sand	cum	Local	3.60 2.25	x	18.58	x	2.00 Km	=	Rs 59.46	3.60 2.25	x	29.03	x	1.00 Km	=	Rs 46.45	Rs 184.38	Rs 290.29
3	Bamboo	Nos	Local	3.60 2.25	x	18.58	x	2.00 Km	=	Rs 59.46	3.60 2.25	x	29.0805	x	1.00 Km	=	Rs 46.53	Rs 184.38	Rs 290.37

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

* Subjected to Verification of Lead

22/11/20
Junior Engineer

29/11/20
Asstt. Engineer

22/11/20

Executive Engineer
RWD (W) Division, Udakishunganj