

Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration
of Road from BAJRAHA TO LOUKA

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- YEAR (2020 - 2021)

Actual Length of Road :- 2.00 Km

Flood Affected Length of R :- 0.400 Km

Sr. No.	Description	Page No.
1	Prativedan	
2	MIS Report	
3	Executive Engineer's Report	
4	Summary of Road	
5	Estimate of Road	
6	Carriage of Road	
7	Basic Rate of Labour, Material &	
8	Analysis of Rate	
9	Photographs of Pre & Post Cuttings	

प्रतिवेदन

पथ का नाम:- *Bajraha To Louk 9*

प्रखंड:- *Alam nagar*

जिला:- *मधेपुरा*

पथ की कुल लम्बाई:- *2.00* कि०मी०

प्रसासनिक स्वीकृति की राशि:- *लाख*

प्रस्तुत प्राक्कलन मो०:- *25.362* 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]
24/12/20
कनीय अभियंता

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29/12/20
सहायक अभियंता

[Signature]
कार्यपालक अभियंता

ग्रामीण कार्य विभाग,कार्य प्रमंडल

उदाकिशुनगंज

FDR
YEAR (2020 - 2021)

GENERAL ABSTRACT OF COST

Block:--Alamnagar

District:--Madhepura

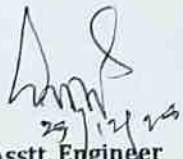
Length of Road:-- 2.000 KM

Length of Affacted Road in M 400

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from BAJRAHA TO LOUKA

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	22.444	Lacs
C	Add L.Cess@ 1%	0.224	Lacs
	Add GST@12%	2.693	Lacs
	TOTAL	25.362	Lacs


Junior Engineer
RWD (w) SUB Division ALAMNAGAR


Asstt. Engineer
RWD (w) SUB Division ALAMNAGAR

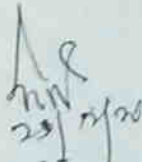

Executive Engineer
RWD (w) Division,
Udakisunganj

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Detailed Estimate for Temporary Restoration of Road
 from BAJRAHA TO LOUKA
DISTRICT Madhepura
BLOCK Alamnagar
LENGTH OF ROAD (in Km) 2.00
LENGTH OF AFFECTED ROAD (in m) 400.000

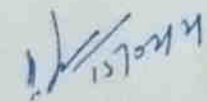
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position split Bamboo woven chachary	0.2475
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.2238
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0213
4	Supplying of nariyal coir	0.0014
5	Providing fitting and fixing split bamboo woven chachari	0.0000
6	Labour filling empty cement bag with local sand, stitching the bags and p	8.8960
7	Sand filling in foundation trench	0.0000
8	Providing and Laying Of Brick Bat obtained from chimney	13.05
	Sub Total :-	22.4444090
	ADD GST @12%	2.6933291
	Add L.cess Charges @ 1% of Sub Total :-	0.2244441
	TOTAL COST OF PROJECT IN LACS =	25.3621822


 J.E.


 A.E.


 E.E.

Technically approved for Rs 25,36,300.00 (Rupees Twenty five Lakh thirty six thousand thousand and three hundred) only.


 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	14.2		Supplying fitting andfixing in position split Bamboo woven chachari with 20SWG G.I etc all complete job (75mm dia and 6 meter to 8 meter Long) Pile	m	2.00	50.00	2.00		200.00		
					2.00	52.00	2.25		234.00		
					1.00	50.00	2.00		100.00		
									0.00		
			Runner		1.00	6.00	25.00		150.00		
					2.00	3.00	45.00		270.00		
			Total Length of bamboo in meter Total qty (Length/6mtr) Say						954.00		
2	5.7.7		Labour for cutting 62mm to 75mm dia bamboo piles In size and making shoe.Do complete job as per specification.,						159.00	155.65	24,748.00
3	5.7.9		Labour for cutting 62mm to 75mm dia bamboo Runner in size and making shoe.Do complete job as per specification.,	Piles	1.00	534.00			534.00	41.91	22,379.94
4			Supplying of Nariyal coil	Runner	1.00	420.00			420.00	5.06	2,125.20
5			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	kg	1.00	5.00			5.00	27.98	139.90
			Total	sqm	2.00	20.00	1.50		60.00		
					2.00	25.00	1.50		75.00		
									0.00	641.00	0.00

Sl. No.	SDB 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 suti etc. all complete job as per approved design, specification and direction of E/I	100nos	8.00	100.00	8.00		6,400.00		
					8.00	100.00	8.00		6,400.00		
					8.00	100.00	8.00		6,400.00		
					8.00	100.00	8.00		6,400.00		
					25,600.00				25,600.00	3,475.00	8,89,600.00
7			Sand filling in foundation trenches as per Drawing & Technical Specification	%nos							
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						535.35	0.00
			1ST TIME REASTORATION(Annexure)closed	cum					390.00		
			2ND TIME RESTORATION(Annexure)closed						81.25		
			3rd TIME RESTORATION						225.00		
			AS PER ANNEXTURE CLOSED								
9			providing and laying reinforced Cement concrete Pipe NP3 as per design in Double row	RM					696.25	1,874.97	13,05,447.86
									0.00	3,197.25	0.00
			TOTAL COST OF RESTORATION IN Rs								22,44,440.90

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CALCULATION SHEET

Annexure-A

Name of Road:- BAJRAHA TO LOUKA

Block:- Alamnagar

Length of Road:- 2.000 KM

Length of Affected Road:- 0.400 KM

District:- Madhepura

S.No.	Description	Unit	Nos.	Length (m)	Width 1	width 2	Avg.width	Height 1	Height 2	Avg Height/ Thickne s(m)	Quantity(cu m)
1	1st Time cutting in second Km(CH-900.00 TO CH- 1200.00	cum	1	30.00	8.00	5.00	6.50	1.50	2.50	2.00	390.000
2	2nd Time cutting in second Km(CH-900.00 TO CH- 1200.00	cum	1	10.00	8.00	5.00	6.50	1.00	1.50	1.25	81.250
2	3rd cutting in second Km(CH-1506.00 TO CH- 2506.00)	cum	1	26.21	7.50	4.55	6.03	1.25	1.60	1.43	225.00
Total wash out qty in cum =											696.250

66.21

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29/12/23
A.E

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29/12/23
E.E

Name of Road:-

Block :-

District:-

Madhepura

District:-				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	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

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23/12/20

Junior Engineer

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23/12/20

Asstt. Engineer

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23/12/20

Executive Engineer

RWD (W) Division, Udakishunganj

Superintending Engineer
Rural Works Department
Works Circle Madhepura

Rural Works Department
Works Circle Madhepura