

Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration
of Road from KHURHAN TO MAHMUDA

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- YEAR (2020 - 2021)

Actual Length of Road :- 3.90 Km

Flood Affected Length of R :- 0.450 Km

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7	Basic Rate of Labour, Material &	
8	Analysis of Rate	
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प्रतिवेदन

पथ का नाम:- Khurhan To Mahmudg.

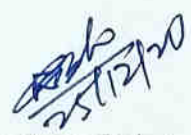
प्रखंड:- Alambegor -

जिला:- मधेपुरा

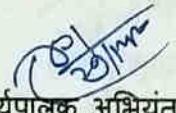
पथ की कुल लम्बाई:- 3.899 कि०मी०

प्रसासनिक स्वीकृति की राशि:- लाख

प्रस्तुत प्राक्कलन मो०:- 9.389 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

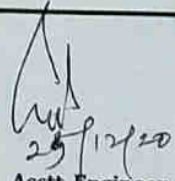
Length of Road:-- 3.899 KM

Length of Affected Road in M 450

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from KHURHAN
TO MAHMUDA

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	8.309	Lacs
c	Add L.Cess@ 1%	0.083	Lacs
	Add GST@12%	0.997	Lacs
	TOTAL	9.389	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 :

DISTRICT
BLOCK

Detailed Estimate for Temporary Restoration of Road
from KHURDIAN TO MAHMUDA

Madhepura
Alamnagar

LENGTH OF ROAD (in Km)

2.00

LENGTH OF IMPACTED ROAD (in m)

450.000

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position split Bamboo woven chachari	0.1083
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.1289
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0213
4	Supplying of nariyal coil	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	2.7800
7	Sand filling in foundation trench	0.0000
8	Providing and Laying Of Brick Bat obtained from chimney	5.19
	Sub Total :-	8.309
	ADD GST @12%	0.997
	Add Less Charges @ 1% of Sub Total :-	0.083
	TOTAL COST OF PROJECT IN LACS =	9.389

J.E

A.E

E.E

Technically approved for Rs 9,38,900.00 (Rupees Nine lakhs thirty eight thousand and nine hundred) only.

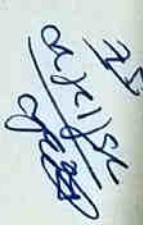
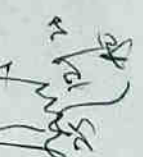
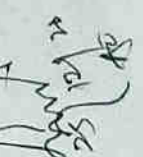
Superintending Engineer
Rural Works Department
Works Circle Madhepura

DETAILED ESTIMATE FOR PAVEMENT

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)	m							
			Pile		2.00	25.00	3.00		150.00		
					2.00	35.00	2.25		157.50		
			Runner		2.00	6.00	20.00		240.00		
					2.00	3.00	30.00		180.00		
			Total Length of bamboo in meter						727.50		
			Total qty (Length/6mtr)						121.25		
			Say						121.00	155.65	18,834.00
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.,	Piles	1.00	307.50			307.50	41.91	12,887.33
4			Supplying of Nariyal coir	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					0.00		
									0.00		
									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 sutli etc. all complete job as per approved design, specification and direction of E/I	100nos	5.00	100.00	8.00	0.00	4,000.00		
					5.00	100.00	8.00	0.00	4,000.00		
								0.00	0.00		
								0.00	0.00		
7			Sand filling in foundation trenches as per Drawing & Technical Specification	%nos					8,000.00	3,475.00	2,78,000.00
				cum					0.00		
									0.00		
									0.00		
									0.00		
									0.00		
									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							535.35	0.00
			1ST TIME REASTORATION(Annexture)closed	cum					276.75		
			2ND TIME RESTORATION(Annexture)closed						0.00		
			3rd TIME RESTORATION AS PER ANNEXTURE CLOSED						276.75	1,874.97	5,18,897.95
			TOTAL COST OF RESTORATION IN RS								8,30,884.37



CALCULATION SHEET

Name of Road:- KHURHAN TO MAHMUDA

Block:- Alamnagar

Length of Road:- 3.580 Km.

Affected Length of Road:- 0.450

District:- MADHEPURA

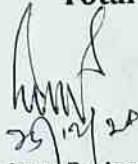
S.No.	Description	LENGTH	Nos.	Length(m)	Width(m) avg	Avg.heig ht(m)	Quantity(cum)
1	1st Km	5	1	5.00	3.00	0.400	6.000
		12	1	7.00	3.00	0.35	7.350
		30	3	6.00	2.50	0.25	11.250
		44	2	7.00	2.00	0.35	9.800
		68	3	8.00	2.75	0.40	26.400
							33.750
2	2n KM	93	5	5.00	3.00	0.45	30.000
		118	5	5.00	3.00	0.40	31.500
		178	5	12.00	1.50	0.35	22.000
		210	4	8.00	2.75	0.25	21.000
3	3rd KM	240	5	6.00	1.75	0.40	31.500
		275	5	7.00	2.00	0.45	14.700
		299	4	6.00	1.75	0.35	31.500
		334	5	7.00	2.25	0.40	

Total qty in cum = 276.750



Junior Engineer

RWD (w) SUB Division ALAMNAGAR



Asstt Engineer

RWD (w) SUB Division ALAMNAGAR



Executive Engineer

RWD (w) Division,
Udakisunganj

Analysis for Carriage by Road

Name of Road:-

Block :-

District:-

Madhepura

District:- Madhepura																			
Sl No	Item	Unit	Source	Carriage Cost & Lead in Km										Loading & Unloading Cost	Carriage Cost by Rail Head	Total			
				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								

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

Junior Engineer
25/12/20

Asstt. Engineer
25/12/20

Executive Engineer
RWD (W) Division, Udakishungamj