

Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration of
Road from MADHEPURA JILA ANTERGA
BIHARIGANJ PRAKHAND ANTERGAT
BELOCHAMGARH PUL HOTE HUYE
VIRGAWN KANTAIH SE VYAPAR MANDAL

DISTRICT :- Madhepura

BLOCK :- GWALPARA

Head :- F.D.R.

Year :- 2020-21

Actual Length of Road :- 9.250K M

Flood Affected Length of Road :- 1.900KM

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:-

प्रखंड:-

जिला:-

मधेपुरा

पथ की कुल लम्बाई:- 9.25 कि०मी०

प्रसासनिक स्वीकृति की राशि:-

लाख

प्रस्तुत प्राक्कलन मो०:- 16.983 लाख का वर्ष 2020 में आयी बाढ़ एवम्

अतिविस्ति 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:--Gwalpara

District:--Madhepura

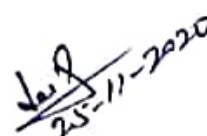
Length of Road:-- 9.250 K M

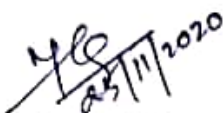
Length of Affected Road in M 1.900KM

Name of Road:--

Detailed Estimate for Temporary Restoration of Road from MADHEPURA JILA
ANTERGA BIHARIGANJ PRAKHAND ANTERGAT BELOCHAMGARH PUL HOTE
HUYE VIRGAWN KANTAH SE VYAPAR MANDAL TAK PATH NIRMAN

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	15.030	Lacs
C	Add L.Cess@ 1%	0.150	Lacs
	Add GST@12%	1.804	Lacs
	TOTAL	16.983	Lacs


25-11-2020
Junior Engineer
RWD (w) SUB Division Gwalpara


25/11/2020
Asstt. Engineer
RWD (w) SUB Division Gwalpara


Executive Engineer
RWD (w) Division,
Udakisunganj

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

Detailed Estimate for Temporary Restoration of Road
from MADHEPURA [JILA ANTERGA BIIHARIGAN]

DISTRICT
BLOCK

Madhepura
GWALPARA

LENGTH OF ROAD (In Km)

9.250K M

LENGTH OF AFFECTED ROAD (In m)

1.900KM

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position split Bamboo woven chanchary	0.1650
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.0909
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0213
4	Supplying of nariyal coir	0.0070
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	0.6685
8	Providing and Laying Of Brick Bat obtained from chimney	11.30
	Sub Total :-	15.030
	ADD GST @12%	1.804
	Add Lcess Charges @ 1% of Sub Total :-	0.150
	TOTAL COST OF PROJECT IN LACS =	16.983

J.E

A.E

E.E

*Technically approved for Rs 16.983 Lakh (as. Sixteen Lakh
ninty eight thousand and three hundred) only.*

15/11/2020
Superintending Engineer
Rural Works Department
Works Circle Madhepura

FOUR

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 and fixing in position split Bamboo woven chachari with 20SWG G.I etc all complete job 75mm dia and 6 meter in 8 meter land)								
			PILE	NO	1.00	50.00	2.00		100.00		
				NO	1.00	52.00	2.25		117.00		
									217.00		
			RUNNER	NO	1.00	6.00	25.00		150.00		
				NO	2.00	3.00	45.00		270.00		
									420.00		
			Total Length of bamboo in meter						637.00		
			Total qty (Length/5mtr)						106.17		
			Say						106.00	155.65	16,499.00
2	5.7.7		Labour for cutting 62mm to 75mm dia bamboo piles In size and making shoe.Do complete job as per specification.,								
			Piles			217.00			217.00	41.91	9,094.47
3	5.7.9		Labour for cutting 62mm to 75mm dia bamboo Runner in size and making shoe.Do complete job as per specification.,								
			Runner			420.00			420.00	5.06	2,125.20
4			Supplying of Naryal coil	kg					25.00	27.98	699.50
5			Providing fitting and 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		
									0.00		0.00
			Total								

DETAILED ESTIMATE FOR PAVEMENT

[illegible]

CALCULATION SHEET

Name of Road:- MADHEPURA JILA ANTERGA BIHARIGANJ PRAKHAND

Block:- GWALPARA

Length of Road:- 9.250K M

Length of Road:- 1.900KM

District:- MADHEPURA

S.No.			Nos.	Length(m)	Width(m) avg	Avg.heig ht(m)	Quantity(cum)
			1	8.00	3.00	0.200	4.800
			3	5.00	2.50	0.20	7.500
			4	7.00	2.00	0.20	11.200
			2	6.00	2.00	0.30	7.200
			1	4.00	2.50	0.30	3.000
			4	5.00	2.00	0.30	12.000
			2	8.00	3.00	0.25	12.000
			1	9.00	2.50	0.30	6.750
			1	8.00	3.00	0.30	7.200
			4	5.00	2.75	0.25	13.750
			2	7.00	3.00	0.25	10.500
			5	5.00	3.00	0.30	22.500
			2	8.00	2.00	0.20	6.400

Total qty in cum = 124.800

[Signature]
25-11-2020
Junior Engineer
RWD (w) SUB Division
Gwalpara

[Signature]
25/11/2020
Asstt. Engineer
RWD (w) SUB Division Gwalpara

[Signature]
23/11/20
Executive Engineer
RWD (w) Division,
Udakisunganj

CALCULATION SHEET

Name of Road:- MADHEPURA JILA ANTERGA BIHARIGANJ PRAKHAND
ANTERGAT BELOCHAMGARH PUL HOTE HUYE
VIRGAWN KANTAH SE VYAPAR MANDAL TAK PATH
NIRMAN

Block:- GWALPARA

Length of Road:- 9.250K M

Length of Road:- 1.900KM

District:- MADHEPURA

S.No.			Nos.	Length(m)	Width(m) avg	Avg.helg ht(m)	Quantity(cum)
			10	10.00	4.00	0.450	180.000
			1	25.00	3.75	0.45	42.188
			7	5.00	3.50	0.25	30.625
			5	6.00	3.50	0.30	31.500
			6	4.00	2.50	0.30	18.000
			6	5.00	2.50	0.30	22.500
			8	8.00	3.00	0.25	48.000
			6	8.00	2.50	0.30	36.000
			7	8.00	3.00	0.30	50.400
			8	5.00	2.75	0.25	27.500
			8	7.00	3.00	0.25	42.000
			8	5.00	3.00	0.30	36.000
			6	7.00	3.00	0.30	37.800

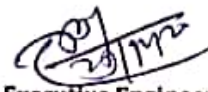
Total qty in cum = 602.513


Junior Engineer

RWD (w) SUB Division Gwalpara


Asstt. Engineer

RWD (w) SUB Division Gwalpara


Executive Engineer

RWD (w) Division,
Udakisunganj

Analysis for Carriage by Road

Name of Road:-

Block :-

District:- Madhepura

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

23/11/2020

Junior Engineer

23/11/2020

Asstt. Engineer

23/11/2020

Executive Engineer

RWD (W) Division, Udhakishungani