

Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration
Road from L035-T05 BHARSO TOLA TO
KACHHARI TOLA

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- YEAR (2020 - 2021)

Actual Length of Road :- 1.82 Km

Flood Affected Length of Road :- 0.525 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 & Machinery	
8	Analysis of Rate	
9	Photographs of Pre & Post Cuttings /Ditches	

प्रतिवेदन

पथ का नाम:- L035-T05 Bharro Tola To Kachhari Tola.

प्रखंड:- Alambhagor.

जिला:- मधेपुरा

पथ की कुल लम्बाई:- 1.817 कि०मी०

प्रसासनिक स्वीकृति की राशि:- लाख

प्रस्तुत प्राक्कलन मो०:- 45.853 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।


29/12/20

कनीय अभियंता


29/12/20

सहायक अभियंता


29/12/20

कार्यपालक अभियंता

ग्रामीण कार्य विभाग,कार्य प्रमंडल

उदाकिशुनगंज

FDR
YEAR (2020 - 2021)

GENERAL ABSTRACT OF COST

District:--Madhepura

Block:--Alamnagar

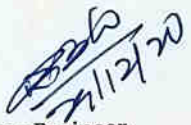
Length of Road:-- 1.817 KM

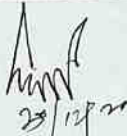
Length of Affacted Road in 525
meter

Name of Road:--

Detailed Estimate for Temporary Restoration of Road from L035-T05
BHARSO TOLA TO KACHHARI TOLA

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	40.578	Lacs
C	Add L.Cess@ 1%	0.406	Lacs
	Add GST@12%	4.869	Lacs
	TOTAL	45.853	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 L035-T05 BHARSO TOLA TO KACHHARI TOLA

DISTRICT
BLOCK

Madhepura
Alamnagar

LENGTH OF ROAD (in Km)

1.82

LENGTH OF AFFECTED ROAD (in m)

525.000

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	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	0.77354
2	Supplying fitting and fixing in position split Bamboo woven chachary	1.4725
3	Labour for cutting 62mm to 75mm dia bamboo piles in size	1.4773
4	Labour for cutting 62mm to 75mm dia bamboo Runner	0.1088
5	Supplying of nariyal coir	0.0020
6	Providing fitting and fixing split bamboo woven chachari i	0.0000
7	Labour filling empty cement bag with local sand, stitching the bags and p	28.9120
8	Sand filling in foundation trench	7.8322
9	Providing and Laying Of Brick Bat obtained from chimney	0.00
	Sub Total ` :-	40.578
	ADD GST @12%	4.869
	Add L.cess Charges @ 1% of Sub Total ` :-	0.406
	TOTAL COST OF PROJECT IN LACS =	45.853

J.E

A.E

E.E

Technically approved for Rs 45,85,300 = 45 (Rupees Forty five lakh eighty five thousand and three hundred) only.

15/12/20
Superintending Engineer
Rural Works Department
Works Circle Madhepura

DETAIL ESTIMATE

Sl. No.	SDB SL. NO	MORD RefNo	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 <u>lead upto 1000 m & 100 m</u> as per Technical Specification Clause 301.5. (Including	Cum Cum	1.00	526.00	1.250	0.70	460.25 0.00	168.07 168.07	77,354.00 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 5.00 3.00 5.00	100.00 100.00 100.00 6.00 5.00	2.50 2.25 2.75 50.00 50.00		1,250.00 900.00 1,375.00 0.00 900.00 1,250.00 5,675.00 945.83 946.00		1,47,245.00
3	5.7.7		Total Length oif 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.,		1.00	3,525.00			3,525.00	41.91	1,47,732.75
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.,	Runner	1.00	2,150.00			2,150.00	5.06	10,879.00
5			Supplying of Nariyal coir	kg	1.00	7.00			7.00	27.98	195.86

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	3.00	100.00	8.00	8.00	19,200.00		
					4.00	100.00	8.00	8.00	25,600.00		
					3.00	100.00	8.00	8.00	19,200.00		
					3.00	100.00	8.00	8.00	19,200.00	3,475.00	28,91,200.00
7			Sand filling in foundation trenches as per Drawing & Technical Specification	cum					1,463.00		
									0.00		
									0.00		
									0.00		
									0.00		
									1,463.00	535.35	7,83,217.05
											40,57,823.66

TOTAL COST OF RESTORATION IN Rs

Handwritten signature

Handwritten signature

Handwritten signature

CALCULATION SHEET

Annexure-A

Name of Road:- L035-T05 BHARSO TOLA TO KACHHARI TOLA
Block:- Alamnagar
Length of Road:- 1.817 KM
Length of Affected Road:- 0.525 KM
District:- Madhepura

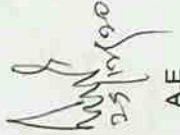
S.No.	Description	Unit	Nos.	Length (m)	Width 1	width 2	Avg.width	Height1	Height 2	Avg Height/ Thicknes (m)	Quantity(cu m)
1	1st cutting in second Km	cum	1	12.00	4.00	7.50	5.75	2.00	1.50	1.75	120.750
2	2nd cutting in second Km	cum	1	15.00	5.00	10.00	7.50	5.00	4.00	4.50	506.250
2	3rd cutting in second Km	cum	1	22.00	5.00	11.00	8.00	5.00	4.50	4.75	836.000
Total wash out qty in cum =											1463.000

49.00

Total wash out qty in cum =

1463.000


J.E.


A.E.


E.E.

Name of Road:-

Block :-

District:- Madhepura

Madhepura																		
District:-				Carriage Cost & Lead in Km														
Sl No	Item	Unit	Source	Pucka / Surface						Kuchcha / Surface								
				3.60	x	18.58	x	5.00 Km	=	Rs 148.64	3.60	x	29.03	x	2.00 Km	=	Rs 92.90	
1	Brick Bats	Nos	Local	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
				2.25							2.25							Rs 290.29
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
				2.25							2.25							Rs 290.37

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

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

[Signature]
29/12/20

Junior Engineer

[Signature]
29/12/20

Asstt. Engineer

[Signature]

Executive Engineer

RWD (W) Division, Udakishunganj

Superintending Engineer
Rural Works Department
Works Circle Madhepura