

Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration of Road
from L034-T05 CHUBATUBA GANGAPUR TO
HARJORA GHAT

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- 2020-21

Actual Length of Road :- 2.736 Km

Flood Affected Length of R :- 0.900 Km

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प्रतिवेदन

पथ का नाम:- 1034-105 Chubabura Gaungapm To Harporaghat

प्रखंड:- Alamnagar.

जिला:- मधेपुरा

पथ की कुल लम्बाई:- 2.736 कि०मी०

प्रसासनिक स्वीकृति की राशि:-

लाख

प्रस्तुत प्राक्कलन मो०:- 69.886 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

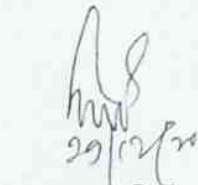
पटना,दिनांक-15.12.2020 के द्वारा दिए गये निर्देश का अनुपालन कर ग्रामीण

कार्य विभाग,कार्य प्रमंडल,उदाकिशुनगंज के अधीन स्वीकृत प्राक्कलन के दर पर

तैयार की गयी है!


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

Block:--Alamnagar

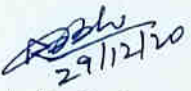
District:--Madhepura

Length of Road:-- 2.736 KM

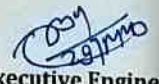
Length of Affacted Road in M 900

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from L034-T05
CHUBATUBA GANGAPUR TO HARJORA GHAT

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION	61.846 Lacs
C	Add L.Cess@ 1%	0.618 Lacs
	Add GST@12%	7.422 Lacs
	TOTAL	69.886 Lacs


29/12/20
Junior Engineer
RWD (w) SUB Division ALAMNAGAR

Asstt. Engineer
RWD (w) SUB Division ALAMNAGAR


29/12/20
Executive Engineer
RWD (w) Division,
Udakisingani

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

Detailed Estimate for Temporary Restoration of Road
from L034-T05 CHUBATUBA GANGAPUR TO HARJORA

DISTRICT

Madhepura

BLOCK

Alamnagar

LENGTH OF ROAD (in Km)

2.74

LENGTH OF AFFECTED ROAD (in m)

900.000

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position split Bamboo woven chanchary	0.1915
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.2242
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0101
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	5.5600
7	Sand filling in foundation trench	49.6544
8	Providing and Laying Of Brick Bat obtained from chimney	6.20
	Sub Total :-	61.8463605
	ADD GST @12%	7.4215633
	Add Loss Charges @ 1% of Sub Total :-	0.6184636
	TOTAL COST OF PROJECT IN LACS =	69.8863874

Say Rs 69.886 lacs

[Signature]
27/12/20

J.E

A.E

[Signature]
29/12/20

E.E

Technically approved for Rs 69.88600 (Sixty nine lac eighty eight thousand six hundred) only.

[Signature]
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	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	115.00 25.00	4.00 3.00			460.00 75.00 0.00 0.00		
			Runner		25.00 15.00	5.00 5.00			125.00 75.00 0.00 0.00 0.00 0.00		
			Total Length oif bamboo in meter Total qty (Length/6mtr) Say						735.00 122.50 123.00	155.65	19,145.00
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	535.00			535.00	41.91	22,421.85
4			Supplying of Nariyal coir	Runner	1.00	200.00			200.00	5.06	1,012.00
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
				sqm					0.00 0.00		

Sl. No.	SDB SL. NO	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
6			Total						0.00	641.00	0.00
			Labour filling empty cement bag with local sand, stitching the bags and placing including supply of suthi etc. all complete job as per approved design, specification and direction of E/I	100nos	5.00	100.00	8.00		4,000.00		
					5.00	100.00	8.00		4,000.00		
					5.00	100.00	8.00		4,000.00		
					5.00	100.00	8.00		4,000.00		
7			Sand filling in foundation trenches as per Drawing & Technical Specification	%nos					16,000.00	3,475.00	5,56,000.00
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		
			AS PER ANNEXTURE CLOSED						0.00		
			1ST TIME REASTORATION(Annexture)closed						9,275.125	535.35	49,65,438.17
			2ND TIME RESTORATION(Annexture)closed								
			3rd TIME RESTORATION								
			AS PER ANNEXTURE CLOSED								
			TOTAL COST OF RESTORATION IN RS						330.928	1,874.97	620479.13
									330.928		635,291.40
											61,99,148.32
											6184636.05

29/12/20

29/12/20

CALCULATION SHEET

Annexure-A

Name of Road:- L034-T05 CHUBATUBA GANGAPUR TO HARJORA GHAT

Block:- Alamnagar

Length of Road:- 2.736 KM

Length of Affected Road:- 0.900 KM

District:- Madhepura

S.No.	Description	Unit	Nos.	Length(m)	Width 1	width 2	Avg.width	Height1	Height 2	Avg Height/ Thickness(m)	Quantity(cum)
1	1st cutting in second Km(CH-380.00 TO CH-393.00)	cum	1	57.00	15.00	4.00	9.50	5.00	6.00	5.50	2978.250
2	2nd cutting in second Km(CH-600.00 TO CH-1506.00)	cum	1	71.00	15.00	4.00	9.50	7.00	6.50	6.75	4552.875
3	3rd cutting in second Km(CH-600.00 TO CH-1506.00)	cum	1	22.00	10.00	4.00	7.00	4.00	2.50	3.25	500.500
4	4th cutting in second Km(CH-600.00 TO CH-1506.00)	cum	1	24.00	15.00	4.00	9.50	3.00	4.00	3.50	798.000
5	5th cutting in second Km(CH-1506.00 TO CH-2506.00)	cum	1	27.00	8.00	4.00	6.00	2.50	3.00	2.75	445.500
				201.00	Total wash out qty in cum =						9275.125

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A.E

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E.E

CALCULATION SHEET

Name of Road:- L034-T05 CHUBATUBA GANGAPUR TO HARJORA GHAT

Block:- Alamnagar

Length of Road:- 3.580 Km.

Length of Road:- 0.900

District:- MADHEPURA

S.No.	Description	LENGTH	Nos.	Length(m)	Width(m) avg	Avg.heig ht(m)	Quantity(cum)
1	1st Km		1	8.00	1.50	0.300	3.600
			1	6.50	1.85	0.30	3.608
			5	5.00	3.00	0.25	18.750
			2	8.00	2.50	0.25	10.000
			1	55.00	3.75	0.30	61.875
			1	71.00	3.75	0.30	79.875
2	2n KM		3	4.00	3.05	0.30	10.980
			1	22.00	3.75	0.30	24.750
			1	8.00	1.60	0.30	3.840
			1	20.00	3.75	0.30	22.500
			4	5.00	3.00	0.25	15.000
			5	5.00	3.75	0.35	32.813
3			1	27.00	3.75	0.35	35.438
			1	6.00	2.50	0.20	3.000
			1	7.00	1.75	0.40	4.900

Total qty in cum = 330.928


29/11/20

Junior Engineer
RWD (w) SUB Division
ALAMNAGAR

Asstt. Engineer
RWD (w) SUB Division ALAMNAGAR


29/11/20

Executive Engineer
RWD (w) Division,
Udakisunganj

Analysis for Carriage by Road

Name of Road:-

Block :-

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															
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															

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

* Subjected to Verification of Lead

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25/12/20

Junior Engineer

[Signature]
25/12/20

Asstt. Engineer

[Signature]

Executive Engineer

RWD (W) Division, Udakishungani

Superintending Engineer
Rural Works Department
Works Circle Madhepura