

Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration
of Road from SONBARSA TO TILAKPUR

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- 2020-21

Actual Length of Road :- 2.00 Km

Flood Affected Length of R :- 0.200 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:- Sonbars To Tilakpur

प्रखंड:- Alambayur

जिला:- मधेपुरा

पथ की कुल लम्बाई:- १.०० कि०मी०

प्रसासनिक स्वीकृति की राशि:- लाख

प्रस्तुत प्राक्कलन मो०:- १५.१६५ लाख का वर्ष २०२० में आयी बाढ़ एवम् अतिवृष्टि से क्षत्रिग्रस्त पथों को मानक अवस्था में लाने हेतु विभागीय पत्रांक- मु०अ०-४(मु०)विविध (कार्य)-२३-२९१/२०१९ ७२६ पटना,दिनांक-१२-०२-२०२० ,पत्रांक- मु०अ०-४(मु०)विविध (कार्य)-२३-११६/२०१७ ३४४६ दिनांक १८.०९.२०२० एवम् पत्रांक- मु०अ०-४(मु०)विविध (कार्य)-२३-५६/२०१६ ७२६ पार्ट-१-४६६५ पटना,दिनांक-१५.१२.२०२० 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


२५/१२/२०
सहायक अभियंता


कार्यपालक अभियंता

ग्रामीण कार्य विभाग,कार्य प्रमंडल

उदाकिशुनगंज

FDR
YEAR (2020 - 2021)

GENERAL ABSTRACT OF COST

Block:--Alamnagar

District:--Madhepura

CNCPL No. :--

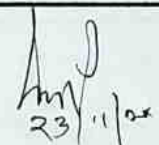
Length of Road:-- 2.000 KM

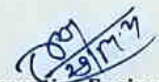
Length of Affected Road in M 200

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from
SONBARSA TO TILAKPUR

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	14.128	Lacs
	Add L.Cess@ 1%	0.141	Lacs
	Add GST@12%	1.695	Lacs
	TOTAL	15.965	Lacs


22/11/20
Junior Engineer
RWD (w) SUB Division ALAMNAGAR


23/11/20
Asstt. Engineer
RWD (w) SUB Division ALAMNAGAR


23/11/20
Executive Engineer
RWD (w) Division,
Udakisinganj

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

Detailed Estimate for Temporary Restoration of Road
from SONBARSA TO TILAKPUR

DISTRICT

Madhepura

BLOCK

Alamnagar

LENGTH OF ROAD (in Km)

2.00

LENGTH OF AFFECTED ROAD (in m)

200.000

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position split Bamboo woven chanchary	0.2039
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.1538
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0213
4	Supplying of nariyal coir	0.0022
5	Providing fitting and fixing split bamboo woven chachari i	0.0000
6	Labour filling empty cement bag with local sand, stitching the bags and p	6.9500
7	Sand filling in foundation trench	0.0000
8	Providing and Laying Of Brick Bat obtained from chimney	6.80
	Sub Total :-	14.1284351
	ADD GST @12%	1.6954122
	Add L.cess Charges @ 1% of Sub Total :-	0.1412844
	TOTAL COST OF PROJECT IN LACS =	15.9651317

say RS 15,966

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23/11/20
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23/11/20
A.E

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23/11/20
E.E

*Technically approved for Rs 15,96,600/- (Rupees Fifteen
Lakh ninety Six thousand and Six hundred) only.*

[Signature]
11/12/2022

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 Runner	m	1.00 1.00 1.00 1.00 2.00	50.00 52.00 50.00 6.00 3.00	3.00 2.25 2.00 25.00 45.00		150.00 117.00 100.00 0.00 150.00 270.00 0.00 0.00 0.00 0.00 787.00 131.17 131.00		
2	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.,							155.65	20,390.00
3	5.7.9		Piles Labour for cutting 62mm to 75mm dia bamboo Runner in size and making shoe.Do complete job as per specification.,		1.00	367.00			367.00	41.91	15,380.97
4			Runner Supplying of Nariyal coir	kg	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	sqm	1.00	8.00			8.00	27.98	223.84
									0.00 0.00		

DETAILED ESTIMATE ON...

Sl. No.	SDB SL. NO	MORD Ref. No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
			Total						0.00	641.00	0.00
6			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	100	100.00	5.00	5.00	12,500.00		
					100	100.00	5.00	5.00	2,500.00		
					100	100.00	5.00	5.00	2,500.00		
					100	100.00	5.00	5.00	2,500.00		
7			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	%nos					20,000.00	3,475.00	6,95,000.00
			1ST TIME REASTORATION(Annexture)closed	cum					49.50		
			2ND TIME REASTORATION(Annexture)closed						42.53		
			3rd TIME REASTORATION						270.50		
			AS PER ANNEXTURE CLOSED								
			TOTAL COST OF RESTORATION IN Rs						362.5250	1,874.97	6,79,723.50
											14,12,843.51

23/11/20

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**CALCULATION SHEET
BRICK BAT**

Annexure-A

Name of Road:- SONBARSA TO TILAKPUR
Block:- Alamnagar
Length of Road:- 2.000 KM
Length of Affected Road:- 0.200 KM
District:- Madhepura

S.No.	Description	Unit	No s.	Length h(m)	Width 1	width 2	Avg.widt h	Heigh t1	Heigh t 2	Avg Height / Thick ness(m)	Quantity (cum)
1	1st Time cutting in second Km(CH-900.00 TO CH-1200.00	cum	1	12.00	4.00	6.00	5.00	1.00	0.65	0.83	40.500
2	2nd Time cutting in second Km(CH-900.00 TO CH-1200.00	cum	1	8.10	4.00	6.00	5.00	1.20	0.90	1.05	42.525
Total wash out qty in cum =											92.825

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23/11/20

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J.E

A.E

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E.E

CALCULATION SHEET

Name of Road:- SONBARSA TO TILAKPUR

Block:- Alamnagar

Length of Road:- 3.580 Km.

Affected Length of Road:- 0.200

District:- MADHEPURA

S.No.	Description	LENGTH	Nos.	Length(m)	Width(m) avg	Avg. height(m)	Quantity(cum)
1	1st Km	8	1	8.00	4.00	0.300	9.600
		13	1	5.00	3.75	0.30	5.625
			2	4.00	2.00	0.25	4.000
			3	5.00	3.00	0.30	13.500
			2	6.00	2.50	0.35	10.500
		23	2	5.00	3.00	0.40	12.000
		39	2	8.00	3.75	0.30	18.000
		60	3	7.00	3.00	0.35	22.050
		72	3	4.00	3.00	0.30	10.800
		80	1	8.00	4.00	0.35	11.200
2	2nd KM	96	2	8.00	3.50	0.30	16.800
			3	4.00	2.00	0.35	8.400
			2	6.00	1.75	0.40	8.400
			3	5.00	2.75	0.35	14.438
		146	10	5.00	3.00	0.30	45.000
		171	5	5.00	3.75	0.35	32.813
		178	1	7.00	3.50	0.35	8.575
		190	2	6.00	2.50	0.30	9.000
		204	2	7.00	2.00	0.35	9.800
3							

Total qty in cum = 270.500

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22/11/20

Junior Engineer

RWD (w) SUB Division
ALAMNAGAR

[Signature]
23/11/20

Asstt. Engineer

RWD (w) SUB Division ALAMNAGAR

[Signature]
29/11/20

Executive Engineer

RWD (w) Division,
Udakisinganj

Analysis for Carriage by Road

Name of Road:- Block :- District:-				Madhepura		Carriage Cost & Lead in Km										Loading & Unloading Cost	Carriage Cost by Rail Head	Total	
Sl No	Item	Unit	Source	Pucka / 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
For Surface Road	Tractor
Unsurface Gravel Road	18.58
Kachha Road	23.21
	29.03

22/11/20
Junior Engineer

25/11/20
Asstt. Engineer

Executive Engineer
RWD (W) Division, Udakishungam