

Index of Road

NAME OF ROAD :- Detailed Estimate for Temporary Restoration
of Road from STRENGTHNING AND
WIDENING OF ALAMNAGAR TO
SONAMUKHI (EXT)ROAD

DISTRICT :- Madhepura

BLOCK :- Alamnagar

Head :- F.D.R.

Year :- 2020-21

Actual Length of Road :- 2.70 Km

Flood Affected Length of R :- 0.700 Km

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प्रतिवेदन

पथ का नाम:- Strengthening and widening of Alamnagar To
sonamukhi (extension) Road

प्रखंड:- Alamnagar

जिला:- मधेपुरा

पथ की कुल लम्बाई:- 2.700 कि०मी०

प्रसासनिक स्वीकृति की राशि:-

लाख

प्रस्तुत प्राक्कलन मो०:- 20.073 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

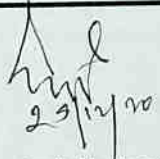
Length of Road:-- 2.700 KM

Length of Affected Road in 700
meter

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from
STRENGTHNING AND WIDENING OF ALAMNAGAR TO SONAMUKHI
(EXT)ROAD

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	17.76393	Lacs
C	Add L.Cess@ 1%	0.17764	Lacs
	Add GST@12%	2.13167	Lacs
	TOTAL	20.07325	Lacs


Junior Engineer
RWD (w)SUB Division ALAMNAGAR


Asstt. Engineer
RWD (w)SUB Division ALAMNAGAR


Executive Engineer
RWD (w) Division,
Udakisinganj

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Detailed Estimate for Temporary Restoration of Road from STRENGTHNING AND WIDENING OF ALAMNAGAR TO SONAMUKHI (EXT)ROAD

DISTRICT Madhepura
BLOCK Alamnagar

LENGTH OF ROAD (in Km) 2.70
LENGTH OF AFFECTED ROAD (in m) 700.000

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position spot Bamboo woven chanchary	0.0000
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.0000
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0000
4	Supplying of nariyal coir	0.0000
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	0.0000
7	Sand filling in foundation trench	0.0000
8	Providing and Laying Of Brick Bat obtained from chimney	17.76
	Sub Total :-	17.763935
	ADD GST @12%	2.131672
	Add L.cess Charges @ 1% of Sub Total :-	0.177639
	TOTAL COST OF PROJECT IN LACS =	20.073246

J.E

A.E

E.E

Technically approved for Rs 20,07,300.00 (Rupees twenty lakh seven thousand and ~~four~~ ^{three} hundred) only.

11/10/21
 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			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 1ST TIME REASTORATION(Annexture)closed 2ND TIME RESTORATION(Annexture)closed 3rd TIME RESTORATION AS PER ANNEXTURE CLOSED	cum					947.425 0.00 947.425	 1,874.97	17,76,393.45 17,76,393.45
TOTAL COST OF RESTORATION IN Rs											




CALCULATION SHEET

Name of Road:- STRENGTHNING AND WIDENING OF ALAMNAGAR TO SONAMUKHI
ROAD

Block:- Alamnagar

Length of Road:- 2.700 KM

Flood Affected Length
of Road:- 0.700
District:- MADHEPURA

S.No.	Description	TIMES	LENGTH	WIDTH	Avg.height(m)	Quantity(cum)
1	1st Km	5	5.00	4.00	0.400	40.000
		6	5.00	3.75	0.45	51.075
		3	3.00	3.00	0.30	8.100
		10	2.50	2.75	0.25	17.188
		5	3.00	1.75	0.35	9.188
		3	5.50	2.25	0.30	11.138
		7	5.00	2.00	0.45	31.500
		8	3.00	3.00	0.35	25.200
		9	4.00	3.75	0.35	47.250
2	2n KM	5	4.00	3.00	0.50	30.000
		5	12.00	1.50	0.45	40.500
		5	6.00	2.25	0.55	37.125
		3	5.50	3.00	0.25	12.375
		2	7.50	2.75	0.30	12.375
		3	5.00	3.00	0.35	15.750
		7	4.50	3.25	0.30	30.713
		2	6.00	3.00	0.30	10.800
		7	5.00	2.50	0.25	21.875
		5	4.00	2.00	0.30	12.000
		2	8.00	1.75	0.40	11.200
		4	5.00	2.50	0.40	20.000
		3	8.00	2.00	0.40	19.200
		5	8.00	2.00	0.35	28.000
		6	8.00	2.50	0.35	42.000
		10	5.00	4.00	0.35	70.000
		5	3.00	3.50	0.45	23.625
		9	2.50	3.00	0.35	23.625
		5	5.00	2.50	0.45	28.125

		3	5.00	2.00	0.45	13.500
		5	8.00	3.75	0.40	60.000
		4	4.00	3.50	0.45	25.200
		7	4.00	3.50	0.35	34.300
		1	20.00	4.00	0.40	32.000
		5	8	3.75	0.35	52.500

Total qty in cum =

947.425

22/12/20

Junior Engineer

RWD (w) SUB Division
ALAMNAGAR

29/12/20

Asstt. Engineer

RWD (w) SUB Division ALAMNAGAR

29/12/20

Executive

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 *							
				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									