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NAME OF ROAD :-

Detailed Estimate for Temporary Restoration of
Road from DHANESHPUR TO MORSANDA

DISTRICT :- Madhepura

BLOCK :- Chausa

Head :- F.D.R.

Year :- 2020-21

Actual Length of Road :- 4.05 Km

Flood Affected Length of Road :- 1.000 Km

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7	Basic Rate of Labour, Material &	
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9	Photographs of Pre & Post Cuttings	

FDR
YEAR (2020 - 2021)

GENERAL ABSTRACT OF COST

Block:--Chausa

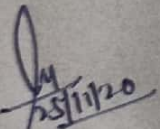
District:--Madhepura

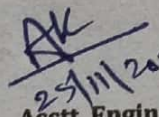
Length of Road:-- 4.050 KM

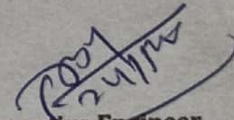
Length of Affacted Road in M 1000

Name of Road:-- Detailed Estimate for Temporary Restoration of Road from DHANESHPUR TO MORSANDA

SL. No.	Item of Work	Amount	
A	TOTAL COST OF CONSTRUCTION	13.825	Lacs
C	Add L.Cess@ 1%	0.138	Lacs
	Add GST@12%	1.659	Lacs
	TOTAL	15.623	Lacs


Junior Engineer
RWD (w) SUB Division Chausa

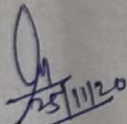

Asstt. Engineer
RWD (w) SUB Division Chausa

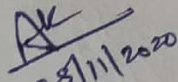

Executive Engineer
RWD (w) Division,
Udakisunganj

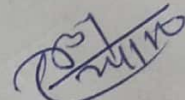
SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Detailed Estimate for Temporary Restoration of Road
from DHANESHPUR TO MORSANDA
DISTRICT Madhepura
BLOCK Chausa
LENGTH OF ROAD (in Km) 4.05
LENGTH OF AFFECTED ROAD (in m) 1000.000

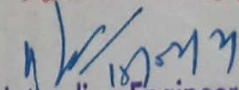
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Supplying fitting and fixing in position split Bamboo woven chanchary	0.4670
2	Labour for cutting 62mm to 75mm dia bamboo piles in size	0.5658
3	Labour for cutting 62mm to 75mm dia bamboo Runner	0.0228
4	Supplying of nariyal coir	0.0056
5	Providing fitting and fixing split bamboo woven chachari i	0.0000
6	Labour filling empty cement bag with local sand, stitching the bags and p	1.2510
7	Sand filling in foundation trench	0.0000
8	Providing and Laying Of Brick Bat obtained from chimney	11.51
	Sub Total ` :-	13.825
	ADD GST @12%	1.659
	Add L.cess Charges @ 1% of Sub Total ` :-	0.138
	TOTAL COST OF PROJECT IN LACS =	15.623


J.E.


A.E.


E.E.

*Technically approved for Rs 15,62,300/- (Rupees
Fifteen lakh sixty two thousand and three hundred) only.*


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		300.00	4.50		1,350.00		
			Runner	M	3.00	150.00			450.00		
			Total Length oif bamboo in meter Total qty (Length/6mtr) Say						1,800.00		
2	5.7.7		Labour for cutting 62mm to 75mm dia bamboo piles in size and making shoe.Do complete job as per specification.,						300.00	155.65	46,695.00
3	5.7.9		Labour for cutting 62mm to 75mm dia bamboo Runner in size and making shoe.Do complete job as per specification.,		1.00	1,350.00			1,350.00	41.91	56,578.50
4			Supplying of Nariyal coir	kg	1.00				450.00	5.06	2,277.00
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		20.00				20.00	27.98	559.60
			Total	sqm							0.00

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	no	3.00	300.00	4.00		3,600.00 0.00 0.00 0.00		
7			Sand filling in foundation trenches as per Drawing & Technical Specification	cum					3,600.00	34.75	1,25,100.00
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 0.00 0.00 0.00 0.00 0.00		0.00
9			providing and laying reinforced Cement concrete Pipe NP3 as per design in Double row					Total	614.05	1,874.97	11,51,325.33
TOTAL COST OF RESTORATION IN Rs											13,82,535.43

25/11/20
AC

25/11/20
AC

25/11/20
AC

BC

CALCULATION SHEET

Name of Road:-		DHANESHPUR TO MORSANDA					
Block:-		Chausa					
Length of Road:-		4.050 KM					
Length of Road:-		1.000					
District:-		MADHEPURA					
S.No.	Description	Nos.	Length(m)	Width(m) avg	Avg.heig ht(m)	Quantity(cum)	
		2	180.00	1.60	0.300	172.800	
		1	30.00	2.00	0.20	12.000	
		1	20.00	3.75	0.25	18.750	
		2	50.00	1.50	0.25	37.500	
		4	3.00	3.75	0.20	9.000	
		6	2.00	2.00	0.20	4.800	
		24	1.00	1.00	0.20	4.800	
		4	14.00	1.00	0.25	14.000	
		1	10.00	3.75	0.25	9.375	
		5	5.00	3.75	0.20	18.750	
		10	2.00	2.00	0.30	12.000	
		1	5.00	3.75	0.20	3.750	
		1	3.00	3.00	0.20	1.800	
		4	2.00	2.00	0.250	4.000	
		1	5.00	3.75	0.20	3.750	
		6	3.00	3.75	0.15	10.125	
		6	3.00	3.00	0.25	13.500	
		2	5.00	1.50	0.20	3.000	
		4	14.00	1.50	0.30	25.200	
		8	3.00	2.00	0.30	14.400	
		1	14.00	3.75	0.30	15.750	
		1	10.00	3.50	0.20	7.000	
		2	30.00	3.50	0.25	52.500	
		4	7.00	3.50	0.20	19.600	
		10	2.00	2.00	0.20	8.000	
		1	25.00	2.00	0.20	10.000	
		5	10.00	2.00	0.200	20.000	
		3	14.00	4.00	0.30	50.400	
		4	25.00	1.50	0.25	37.500	
					TOTAL	614.050	

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SE

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25/11/2020
AB

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BE

Name of Road:-

Block :-

District:-

Madhepura

Madhepura				Carriage Cost & Lead in Km										Loading & Unloading Cost	Carriage Cost by Rail Head	Total			
District:-	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	Rs 184.38	Rs 425.92
1	Brick Bats	Nos	Local	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 Tractor
For Surface Road	18.58
Unsurface Gravel Road	23.21
Kachha Road	29.03

25/11/20

Junior Engineer

25/11/20

Asstt. Engineer

25/11/20

Executive Engineer

RWD (W) Division, Udaipur