

Index of Road

NAME OF ROAD :-

Madheli NH-106 To Rauta via Balia

DISTRICT :- Madhepura

BLOCK :- Puraini

Head :- F.D.R.

Year :- 2020-21

TOTAL COST OF PAVEMENT :-

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FDR RESTORATION WORK
YEAR (2020-21)

GENERAL ABSTRACT OF COST

BLOCK :-	Puraini	DISTRICT:-	Madhepura
Name of Road:-	Madheli NH-106 To Rauta via Balia		

S.No.	Description of Items		Amounts
A	TOTAL COST OF RESTORATION	Rs.	2215684.54
B	Add @12% GST	Rs.	265882.14
C	Add @1% Labour Cess	Rs.	22156.85
	Total (A+B+C)	Rs.	2503723.53
	Say	Rs.	2503724.00

Stucco
22/11/2020

J.E.

RWD (W) Division, Udakishanganj

Ak
23/11/2020

A.E.

RWD (W)
Division, Udakishanganj

GS
23/11/20

E.E.

RWD (W) Division, Udakishanganj

Technically approved for RS = 2503700.00 (Rupees twenty five lakh
three ~~hundred~~ thousand seven hundred only.)

15.10.21
Superintending Engineer
Rural Works Department
Works Circle Madhepura

Details of Measurement

कार्य का ब्यौरा Detail of Work		संख्या No.	गैजिंग			मात्रा Quantity
			लम्बाई in m.	चौड़ाई in m.	in m.	
NAME OF WORKS :-		Madheli NH-106 To Rauta via Balia				
Item No. 1	Sand Filling in ditch & breach portion of road as per Drawing & Technical Specification.					
		0	7	4.5	0.90	0.000
		Total (in Cum)				0.000
Item No. 2	Laying Brck Bat....					
	Ch--in 1st Km.	1	15	1.00	0.30	4.500
		1	45	3.75	0.35	59.063
		1	10	3.75	0.30	11.250
		1	15	3.75	0.35	19.688
		1	50	3.75	0.30	56.250
		1	25	3.75	0.45	42.188
		1	15	1.00	0.30	4.500
	Ch--in 2nd Km.	1	2	3.75	0.35	2.625
		1	8	0.50	0.25	1.000
		1	5	3.75	0.30	5.625
		1	7	3.75	0.35	9.188
		1	2	3.75	0.35	2.625
		1	3	3.75	0.45	5.063
		1	2	2.00	0.30	1.200
		1	2	2.00	0.30	1.200
		1	1	1.00	0.35	0.350
		1	3	2.00	0.45	2.700
	Ch--in 3rd Km.	1	5	3.75	0.30	5.625
		1	6	2.50	0.40	6.000
		1	3	3.75	0.25	2.813
		1	4	2.00	0.30	2.400
		1	5	3.75	0.35	6.563
		1	6	1.00	0.35	2.100
		1	10	3.75	0.30	11.250
		1	10	3.75	0.25	9.375
		1	10	3.75	0.20	7.500
		1	15	3.75	0.35	19.688
		1	20	3.00	0.40	24.000
		1	16	3.75	0.35	21.000
		1	25	2.00	0.25	12.500
		1	8	3.75	0.35	10.500
		4	3	3.75	0.35	15.750
		1	8	2.00	0.40	6.400
		1	10	3.75	0.30	11.250
		1	2	2.00	0.35	1.400
		1	10	1.00	0.25	2.500
	Ch--in 4rd Km.	1	2	1.00	0.30	0.600
		1	10	3.75	0.40	15.000
		1	7	3.00	0.35	7.350
		1	3	3.75	0.30	3.375
		1	3	3.75	0.35	3.938
		1	4	3.00	0.25	3.000
		1	6	3.00	0.30	5.400
		1	5	2.00	0.25	2.500
		1	1	1.00	0.30	0.300
		1	0.5	0.50	0.25	0.063
		1	0.5	0.50	0.35	0.088
		1	5	2.00	0.40	4.000
		8	4	3.75	0.40	48.000
		1	5	3.75	0.35	6.563
		1	0.5	0.50	0.40	0.100

	1	1	1.00	0.25	0.250
	1	2	3.00	0.20	1.200
	5	6	3.75	0.35	39.375
	1	3	2.00	0.35	2.100
	1	4	3.75	0.20	3.000
Ch--in 5th Km.	1	1	2.00	0.30	0.600
	1	5	3.75	0.40	7.500
	1	3	2.00	0.35	2.100
	6	4	2.00	0.35	16.800
	1	3	2.00	0.45	2.700
	1	4	1.00	0.35	1.400
	8	5	3.75	0.35	52.500
	5	3	2.00	0.40	12.000
	1	2	2.00	0.45	1.800
	1	2	3.00	0.30	1.800
Ch--in 6th Km.	1	2	1.00	0.35	0.700
	4	5	3.00	0.45	27.000
	1	2	0.50	0.30	0.300
	1	0.5	0.50	0.25	0.063
	1	0.5	0.50	0.35	0.088
	1	1	1.00	0.40	0.400
	6	2	1.50	0.45	8.100
	1	1.5	1.00	0.35	0.525
	1	1	1.00	0.35	0.350
	1	1	1.00	0.40	0.400
	15	2	1.00	0.35	10.500
	1	2	2.00	0.40	1.600
	1	1	1.00	0.35	0.350
	10	2	1.50	0.35	10.500
	1	1	1.00	0.40	0.400
	1	2	1.00	0.45	0.900
	1	1	1.00	0.35	0.350
Ch--in 7th Km.	10	5	1.00	0.40	20.000
	1	15	1.00	0.35	5.250
	1	3	1.00	0.45	1.350
	1	1	3.00	0.30	0.900
	1	1	1.00	0.35	0.350
	6	7	1.00	0.45	18.900
	1	1	1.00	0.35	0.350
	1	110	3.75	0.25	103.125
	1	75	3.75	0.25	70.313
	1	5	3.75	0.35	6.563
	1	140	3.75	0.25	131.250
	1	3	2.00	0.25	1.500
	6	5	2.00	0.25	15.000
	1	3	2.00	0.25	1.500
	1	2	2.00	0.35	1.400
	5	10	3.00	0.45	67.500
	1	6	3.75	0.30	6.750
	1	1.05	3.75	0.35	1.378
			Total (in Cum)		1168.928
Item No. 3	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I				
	0			1.25	0.000
	For Bamboo piling 1.25m				Total (in m)
					0.000
	Total length of Bamboo piling(in m)=1.25m piling length/1.25x3				0.00
Item No. 5	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I				
	0	4			0.00
					Total (in m)
					0.00
Item No. 6	Supply of Bamboo at site.				
					Total (in m)
					0.00
					Total (in nos.)
					0.00
	1Nos. Bamboo=6m				

Schedule of Quantity

NAME OF WORKS -

Madheli NH-105 To Rauta via Balia

BLOCK Puraini

Sl. No.	QNTY NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
		OF ITEMS				
1	12.1	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.	0.00	Cum	535.35	0.00
2	A/R	Providing & laying Brick Bat				
		Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to achieve required density with all complete as per the direction of engineer in charge.	1168.93	Cum	1874.97	2191705.17
3	5.7.7	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I	0.00	m	41.91	0.00
4	5.7.8	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I	0.00	sqm	626.41	0.00
5	5.7.9	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 3B swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I	0.00	m	5.06	0.00
6		Supply of Bamboo at site.	0.00	nos.	155.65	0.00
7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	Each	34.75	0.00
8		Supply of Nylon Crate of size 1mx1mx1m at site.	0.00	Each	42.20	0.00
9	5.7.40.2	Labour for filling empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m x 1 m x 1 m) with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	0.00	Each	825.10	0.00
10	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	7.50	m	3197.25	23979.37
		Total			Rs.	2215684.54

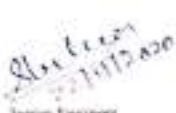
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Analysis for Carriage by Road																				
Name of Road:- <u>Prashasti Hill to Ramesh via Barga</u>																				
Block :- <u>Prashasti</u>																				
District:- <u>Madhupura</u>																				
Sl No	Item	Unit	Source	Carriage Cost & Lead in Km										Loading & Unloading Cost	Carriage Cost by Bul Head	Total *				
				Pukka/Surface					Kuchha/Surface											
1	Brick & Stone	New	Local	5.00	x	18.50	x	1.00 Km	=	Rs 100.00	5.00	x	20.00	x	2.00 Km	=	Rs 42.90	Rs 100.00		Rs 425.92
				2.25							2.25									
2	Local Sand	Local	Local	5.00	x	18.50	x	2.00 Km	=	Rs 50.40	5.00	x	20.00	x	1.00 Km	=	Rs 40.45	Rs 50.40		Rs 240.20
				2.25							2.25									
3	Bamboo	New	Local	5.00	x	18.50	x	2.00 Km	=	Rs 50.40	5.00	x	20.00	x	1.00 Km	=	Rs 40.45	Rs 50.40		Rs 240.20
				2.25							2.25									

Cost of Carriage Including Loading & Unloading as per SOR		* Subjected to Verification of Lead	
Type of Road		Per Ton, Km by Tractor	
For Surface Road		18.50	
For Kuchha Road		20.00	
For Bamboo Road		20.00	



Junior Engineer



Asst. Engineer



Executive Engineer
BWD (N) Division, Lalkishanganj