

EDR

DISTRICT :-
BLOCK :-
Name of Road :-

DARBHANGA
BAHADURPUR

Raghepura to Pirri. *path madhuban*
To Sinuwarahopal path

Length of the Road 050 KM.

Effective Length 0784 KM.

GENERAL ABSTRACT OF COST

No.	Item of Work	Amount	
		(in Rs.)	
1	Cost for restoration	15,72,613.766	16,12,196.65
2	Add 12 % GST	1,88,713.676	1,93,463.60
3	Add 1 % Labour Cost	15,726.140	16,121.97
4	Seigniorage Fee $\frac{854.486}{875.9313} \times 1063.00 \times 10\%$	90,831.862	93,111.49
	Total cost:-	18,67,885.644	19,14,893.70

Say Rs. 18,67,886-00.

15.12.2020
Junior Engineer
Bahadurpur

15.12.2020
Assistant Engineer
Bahadurpur

15.12.2020
Executive Engineer
R.W.D.(W) Division, Darbhanga-1

अध्यापक अभिनीत, शीत कार वि, कार्य-यंत्र-कुलपति का पत्र 542 अं. 3
दिनांक:- 07/04/2021 के द्वारा स्थापित जोय प्रतिवेदन के आधार पर -
Rs. 18,67,886-00 (Rupees Eighteen Lacs
- Sixty Seven Thousand eight hundred eighty six) only.

09.04.21
Superintending Engineer
RWD, Works Circle, Darbhanga
09/04/2021

Name of Raad :- Raghepura to Pirri.
 BLOCK :- BAHADURPUR
 DISTRICT :- DARBHANGA
 R.W.D. Works Division Darbhanga-1

Detailed estimate for making moterable road.

Path Madhuban To Sinuware Nopal Path

Sl. No.	Item	Unit	No.	Length	Breadth	Av. Breadth	Depth / Height	Av. Depth / Height	Quantity	Rate	Amount
				(in m)	(in m)	(in m)	(in m)	(in m)	(in cum)	(in Rs.)	(in Rs.)
1	Labour and Placing Brick Bats with Light raming including cost of brick bats by tractor.	From Navtoliya to Pirri									
		1st KM									
		1		15.00	3.00	3.60	3.30	0.30			
		1		15.00	3.00	3.20	3.10	0.40	0.35	17.325	
		1		3.50	3.00	3.50	3.25	0.50	0.45	20.925	
		1		9.00	1.00	1.20	1.10	0.45	0.45	5.688	
		1		11.00	1.30	1.70	1.50	0.50	0.60	4.455	
		1		17.00	3.00	4.50	3.75	0.60	0.75	9.075	
		1		2.50	1.00	1.20	1.10	0.40	0.60	47.813	4.438
		1		2.00	0.90	1.10	1.00	0.50	0.60	1.375	
		1		6.00	1.00	1.00	1.00	0.60	0.55	1.100	
		1		3.00	3.00	4.50	3.75	0.50	0.60	3.600	
		1		4.50	3.00	4.00	3.50	0.50	0.55	6.188	5.625
		1		3.50	3.00	4.00	3.50	0.50	0.50	8.663	
		1		4.00	1.20	1.50	1.35	0.50	0.50	6.125	
		1		15.00	1.30	1.70	1.50	0.40	0.50	2.700	
		1		15.00	1.25	1.75	1.50	0.50	0.45	10.125	
		1		5.00	1.50	1.50	1.50	0.50	0.50	11.250	
		1		9.00	2.00	2.40	2.20	0.50	0.55	4.125	3.750
		1		3.50	1.00	1.00	1.00	0.40	0.50	9.900	
		1		7.00	3.50	3.50	3.50	0.45	0.45	1.575	
		1		7.00	3.50	3.50	3.50	0.50	0.50	12.250	
		1		3.00	1.40	1.60	1.50	0.50	0.55	2.475	
		1		2.50	2.70	3.00	2.85	0.45	0.55	3.563	
		1		5.00	3.50	3.80	3.65	0.40	0.45	8.213	
		1		4.00	2.00	2.40	2.20	0.50	0.50	4.400	
		1		2.50	1.50	1.50	1.50	0.50	0.50	1.875	
		1		2.00	1.50	1.50	1.50	0.40	0.50	1.500	
		1		4.00	3.50	3.90	3.70	0.50	0.50	7.400	
		1		8.00	1.50	1.50	1.50	0.45	0.45	5.400	
		1		3.50	1.00	1.00	1.00	0.45	0.45	1.575	
		1		7.00	1.00	1.00	1.00	0.40	0.45	3.150	
		1		3.50	1.00	1.00	1.00	0.45	0.45	1.575	
		1		7.00	1.00	1.00	1.00	0.60	0.50	3.500	
		1		5.00	3.50	4.00	3.75	0.40	0.50	9.375	
		1		5.00	0.90	1.10	1.00	0.40	0.50	2.500	
		1		15.00	3.50	4.00	3.75	0.50	0.55	30.938	28.125
		1		5.00	3.50	4.00	3.75	0.40	0.50	9.375	
		1		5.00	1.00	1.40	1.20	0.40	0.45	2.700	
		1		15.00	3.50	4.00	3.75	0.50	0.60	33.750	28.125
		1		14.00	3.50	4.00	3.75	0.60	0.60	31.500	
		1		13.50	1.50	1.80	1.65	0.50	0.50	11.138	
		1		8.00	1.40	1.60	1.50	0.40	0.45	5.400	
		1		7.00	3.00	3.60	3.30	0.45	0.55	11.550	
		1		11.00	1.00	1.20	1.10	0.50	0.50	6.050	
		1		15.00	3.30	3.70	3.50	0.50	0.50	26.250	
		1		13.00	3.30	3.70	3.50	0.50	0.50	22.750	
		1		4.00	1.00	1.30	1.15	0.45	0.50	2.300	
		1		1.50	1.00	1.20	1.10	0.30	0.30	0.495	
		1		1.50	1.50	1.50	1.50	0.30	0.30	0.675	
		1		7.00	1.30	1.60	1.45	0.45	0.50	5.075	

C.O. 424.953ms

15.12.2022

15.12.2022

B.F. Q = 424.953 m³

1	1.00	0.80	1.00	0.90	0.30	0.30	0.30	0.270		
1	15.00	0.90	1.20	1.05	0.50	0.60	0.55	8.663		
1	3.00	0.90	1.20	1.05	0.50	0.50	0.50	1.575		
1	4.00	2.00	2.40	2.20	0.30	0.50	0.40	3.520		
1	1.50	1.00	1.40	1.20	0.45	0.45	0.45	0.810		
1	2.50	1.80	2.40	2.10	0.50	0.50	0.50	2.625		
1	1.00	0.80	1.20	1.00	0.30	0.30	0.30	0.300		
1	5.00	0.80	1.20	1.00	0.30	0.40	0.35	1.750		
1	3.00	0.80	1.20	1.00	0.60	0.60	0.60	1.800		
1	3.00	1.30	1.70	1.50	0.50			2.250		
1	4.00	3.00	3.50	3.25	0.45			6.500		
1	2.00	1.80	2.20	2.00	0.50			2.000		
1	11.00	0.80	1.20	1.00	0.45			5.500		
1	9.00	1.30	1.70	1.50	0.50			6.750		
1	2.50	3.30	3.70	3.50	0.40			3.938		
1	6.00	0.80	1.20	1.00	0.45			2.700		
1	2.00	0.80	1.20	1.00	0.30			0.600		
1	6.50	0.90	1.10	1.00	0.30			1.950		
Total. 478.454 m ³									1867.76	923046.992
2nd KM										
1	1.50	1.00	1.00	1.00	0.45	0.45	0.45	0.675		
1	3.00	3.00	3.60	3.30	0.50	0.50	0.50	4.950		
1	11.00	3.00	3.40	3.20	0.40	0.50	0.45	15.840		
1	5.00	1.80	2.20	2.00	0.50	0.50	0.50	5.000		
1	5.00	2.60	3.00	2.80	0.50	0.60	0.55	7.700		
1	9.00	3.00	3.40	3.20	0.30	0.60	0.45	12.960		
1	15.00	2.30	2.80	2.55	0.50	0.50	0.50	19.125		
1	5.00	1.80	2.20	2.00	0.50	0.60	0.55	5.500		
1	3.00	3.50	4.50	4.00	0.50	0.50	0.50	6.000		
1	5.00	3.20	3.80	3.50	0.50	0.60	0.55	9.625		
1	5.00	3.10	3.70	3.40	0.45	0.55	0.50	8.500		
1	7.00	3.00	3.50	3.25	0.40	0.50	0.45	10.238		
1	4.00	1.80	2.20	2.00	0.45	0.45	0.45	3.600		
1	13.00	1.20	1.80	1.50	0.50	0.50	0.50	9.750		
1	5.00	3.00	3.50	3.25	0.40	0.50	0.45	7.313		
1	7.00	3.00	3.50	3.25	0.40	0.60	0.50	11.375		
1	4.00	3.00	3.50	3.25	0.45	0.45	0.45	5.850		
1	2.00	1.30	1.70	1.50	0.30	0.30	0.30	0.900		
1	2.00	3.60	3.80	3.70	0.45	0.55	0.50	3.700		
1	2.00	1.50	1.50	1.50	0.45	0.45	0.45	1.350		
1	4.00	3.40	4.00	3.70	0.45	0.45	0.45	6.660		
1	5.00	3.00	3.40	3.20	0.45	0.45	0.45	7.200		
									163.810	301436.61
3rd KM										
1	11.00	1.20	1.80	1.50	0.30	0.40	0.35	5.775		
1	15.00	3.00	3.40	3.20	0.45	0.45	0.45	21.600		
1	17.00	3.00	3.40	3.20	0.45	0.55	0.50	27.200		
1	5.00	1.30	1.70	1.50	0.30	0.40	0.35	2.625		
									57.200	103678.432
4th KM										
1	3.50	1.50	1.50	1.50	0.30	0.50	0.40	2.100		
1	2.50	3.00	3.50	3.25	0.45	0.45	0.45	3.656		
1	3.00	1.80	2.20	2.00	0.30	0.50	0.40	2.400		
1	4.00	1.80	2.20	2.00	0.45	0.45	0.45	3.600		
1	1.00	0.80	0.80	0.80	0.30	0.30	0.30	0.240		
1	11.00	2.80	3.20	3.00	0.45	0.55	0.50	16.500	14.850	
1	2.00	1.00	1.00	1.00	0.30	0.30	0.30	0.600		
1	3.00	3.00	3.30	3.15	0.45	0.45	0.45	4.253		
1	1.50	1.00	1.00	1.00	0.45	0.45	0.45	0.675		
1	2.00	1.50	1.50	1.50	0.50	0.50	0.50	1.500		
1	2.00	3.00	3.50	3.25	0.50	0.50	0.50	3.250		
1	2.00	2.80	3.50	3.15	0.45	0.55	0.50	3.150		
1	15.00	2.20	2.80	2.50	0.50	0.50	0.50	18.750	15.000	

C.B. Q = 55.274 m³

C.B. Q = 12.98, 752

15.12.2020

KS-17202

Ans. 12,98,752.285

$$V_T = 55.274 \text{ m}^3$$

B = 55.274 m								
1	2.50	3.00	3.50	3.25	0.50	0.50	0.50	4.063
1	1.50	0.85	1.35	1.10	0.30	0.30	0.30	0.495
1	11.00	1.40	1.60	1.50	0.45	0.45	0.45	7.425
1	9.00	2.30	2.70	2.50	0.45	0.45	0.45	10.125
1	4.00	1.30	1.70	1.50	0.45	0.55	0.50	3.000
1	4.00	1.30	1.70	1.50	0.40	0.40	0.40	2.400
1	7.00	2.25	2.75	2.50	0.40	0.40	0.40	7.000
1	3.00	3.75	4.25	4.00	0.30	0.40	0.35	4.200
				93.682		99.381		1784.96
5th Km								
1	2.00	1.00	1.00	1.00	0.30	0.40	0.35	0.700
1	15.00	0.70	1.30	1.00	0.40	0.60	0.50	7.500
1	9.00	0.70	1.30	1.00	0.50	0.60	0.55	4.950
1	6.00	0.80	1.20	1.00	0.30	0.50	0.40	2.400
1	8.00	0.75	1.25	1.00	0.40	0.60	0.50	4.000
								19.550
6th KM								
1	6.00	2.75	3.25	3.00	0.30	0.40	0.35	6.300
1	7.00	2.30	2.70	2.50	0.30	0.40	0.35	6.125
1	7.00	3.50	3.90	3.70	0.30	0.40	0.35	9.065
1	11.00	3.50	3.90	3.70	0.20	0.30	0.25	10.175
1	15.00	2.25	2.75	2.50	0.25	0.25	0.25	9.375
1	3.00	0.80	1.20	1.00	0.25	0.25	0.25	0.750
								41.790
Total Q = 854.406 m ²								1729.76
								72286.67
Total								1612196.65
								15,72,613.966

Total Q = 854.486 m².

15,72,613.966

S. Bahari
15.12.2020
Junior Engineer
Bahadurpur

Assistant Engineer
Bahadurpur


Executive Engineer
R.W.D.(W) Division, Darbhanga-1