

GENERAL ABSTRACT OF COST

Block :- Warisnagar

District :- Samastipur

Construction of Length of Road :- 6.10 KM

Name of Road :- T02 Paroriya to Mohiuddinpur

Sl.No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION	3,83,214.00
	GST @ 12% & LABOUR CESS @ 1%	49,818.00
	TOTAL PROJECT COST -(A)	4,33,032.00

[Signature]
19/10/20

Junior Engineer

[Signature]
19/10/20
Asstt. Engineer

[Signature]
Executive Engineer

Technical Party Approved for Rs 4,33,000 = 00 for the Party
Three thousand and only.

[Signature]
19/1/21

S.E.

R.W.D.

[Signature]
बसोकाय बाजबहा
बायोप कायं विमाव
बायो बाजबहा, प्रबन्धोप
19/1/21,

Estimate for FDR road from T02 Paroriya to Mohiuddinpur Road for the year 2020-21

applying & filling bricks bat & Compacting Manually by CI harmar including all comp. job.

Near 1st Culvert

$$4 \times 10.0 \times \frac{5.5 + 4.50}{2} \times 0.9 = 180.00$$

$$2 \text{ Nos.} \times 2.50 \times 1.20 \times 0.6 = 3.60$$

$$183.60 \text{ M}^3$$

@ Rs. 1680.02 Per M³

Rs. 3,08,452.00

2 Construction of Embankment with app. Materials
Corner

$$2 \times 4 \times 10.0 \times \frac{1.2 + 0.9}{2} \times 1.20 = 432.00$$

@ Rs. 173.06 Per M³

Rs. 74,762.00

Add-

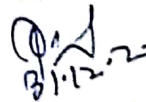
Labour Cess 1% & GST 12%

Rs. 49,818.00

Rs. 4,33,032.00

Pls
19/10/2020
JE

Amir
19/10/20
AE



Executive Engineer
RWD, Works Division, Samastipur

Analysis for carriage by Road and Rail

Name of Road :- T02 Paroriya to Mohiuddinpur

District :- Samastipur

Block :- Warisnagar

SI No	Item with Source	Unit	Source up to	Carriage Cost & Lead in Km		Katcha		Loading & Unloading Cost	Carriage Cost by Rail Head	Total
				Pukka / Surface						
1	Stone Metal Gr-I & Gr-II	Cum	Sheikhpura	8.00 x 8.20 x 19.80 = Rs 271.55	8.00 x 19.80 x 0.00 Km = Rs 0.00	8.00	4.59	89.90	1041.91	Rs. 1403.35
2	Stone Metal Gr-III / GSB	Cum	Sheikhpura	8.00 x 8.20 x 19.80 = Rs 249.78	8.00 x 19.80 x 0.00 Km = Rs 0.00	8.00	4.99	89.90	981.12	Rs. 1320.80
3	Stone Aggregate / Chips	Cum	Sheikhpura	8.00 x 8.20 x 19.80 = Rs 249.78	8.00 x 19.80 x 0.00 Km = Rs 0.00	8.00	4.99	89.90	981.12	Rs. 1320.80
4	Stone Aggregate / Chips	Cum	Mirzachowki	8.00 x 8.20 x 19.80 = Rs 249.78	8.00 x 19.80 x 0.00 Km = Rs 0.00	8.00	4.99	89.90	1405.42	Rs. 1745.10
5	Stone Boulder	Cum	Sheikhpura	8.00 x 8.20 x 19.80 = Rs 259.67	8.00 x 19.80 x 0.00 Km = Rs 0.00	8.00	4.80	89.90	1008.73	Rs. 1358.30
6	Course Sand	Cum	Kuil	8.00 x 7.47 x 18.09 = Rs 1401.19	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	4.99	104.88		Rs. 1506.07
7	Local Sand	Cum	Local	8.00 x 7.47 x 18.09 = Rs 23.95	8.00 x 18.09 x 1.00 Km = Rs 29.00	8.00	4.99	104.88		Rs. 157.83
8	Brick	1000 Nos	Local	8.00 x 7.47 x 18.09 = Rs 209.16	8.00 x 18.09 x 1.00 Km = Rs 72.36	8.00	2.00	441.62		Rs. 723.14
9	Cement	MT	Local	8.00 x 7.47 x 18.09 = Rs 74.70	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	8.00	284.00		Rs. 358.70
10	Steel	MT	Local	8.00 x 7.47 x 18.09 = Rs 74.70	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	8.00	284.00		Rs. 358.70
11	Bitumen Emulsion	MT	Muzaffarpur	8.00 x 7.47 x 18.09 = Rs 500.49	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	8.00	365.00		Rs. 865.49
12	Bitumen	MT	Barauni	8.00 x 7.47 x 18.09 = Rs 515.43	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	8.00	365.00		Rs. 880.43
13	Hume Pipe (1000 mm)	m	Samastipur	8.00 x 7.47 x 18.09 = Rs 71.71	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	10.00	75.69		Rs. 147.40
14	Hume Pipe (600 mm)	m	Samastipur	8.00 x 7.47 x 18.09 = Rs 28.68	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	25.00	32.44		Rs. 61.12
15	Hume Pipe (300 mm)	m	Samastipur	8.00 x 7.47 x 18.09 = Rs 11.95	8.00 x 18.09 x 0.00 Km = Rs 0.00	8.00	60.00	32.44		Rs. 44.30

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tipper	Per Ton. Km by Truck
For Surface Road	8.20	7.47
Unsurface Gravel Road	9.50	8.00
Kachha Road	19.80	18.09


 Warisnagar
 19/10/20
 A.E.