

GENERAL ABSTRACT OF COST

Block :- Kalyanpur

Distret :- Samastipur

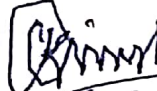
Construction of Length of Road :- 1.825 KM

Name of Road :- FDR to Road from Madanpur Tola to Mallah Tola Dusadh Tola

Sl.No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION	8,92,940.00
	GST @ 12% & LABOUR CESS @ 1%	1,16,082.00
	TOTAL PROJECT COST -(A)	10,09,022.00


22/10/20

Junior Engineer


22/10/20

Asstt. Engineer

Pay Rs 10,09,000 = 00

27/10/20

Executive Engineer

Technically approved for Rs 10,09,000 = 00 Ten Lakh
Thousand only.


19.1.21

S.E.
R.W.D.


19.1.21.

आचार्य कावे विभा-
कावे संयुक्त, प्रयत्नीक

Estimate for FDR road from Madanpur Tola to Mallah Tola Dusadh Tola Road for the year 2020-21

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

Near 1st Culvert

$$4 \text{ Nos.} \times 6.00 \times 4.00 \times 3.00 = 288.00$$

2nd layer

$$4 \text{ Nos.} \times 6.00 \times 4.00 \times 2.00 = 192.00$$

$$480.00 \text{ M}^3$$

@ Rs. 1680.02 Per M^3

Rs. 8,06,410.00

2 Construction of Embankment with app. Materials
Corner

$$4 \times 50 \times \frac{1.5 + 1.00}{2} \times 2.00 = 500.00$$

@ Rs. 173.06 Per M^3

Rs. 86,530.00

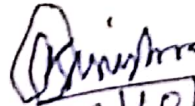
Add-

Labour Cess 1% & GST 12%

Rs. 1,16,082.00

Rs. 10,09,022.00


22/10/20


22/10/20
AE



Executive Engineer
RWD, Works Division, Samastipur

Analysis for Carriage by Road & Rail

Mukhy Road MMGSY Path Se Kumhar Toli Tak

Name of Road:-

District:-

Block :- Kalyanpur

Samastipur

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km		Loading & Unloading Cost	Carriage Cost by Rail Head	Total ₹	Min Total ₹
				Pucka / Surface	Katcha				
1	Stone Metal Gr-I & Gr-II (Sheikhpura by Rail 121 Km)	Cum	Karpoorigram	8.00 4.59	x 7.52 x 32.00 Km = Rs 419.42	8.00 4.59	x 18.19 x 0.00 Km = Rs 0.00	Rs. 1802.69	Rs. 1651.50
	Stone Metal Gr-I & Gr-II (Sheikhpura by Rail 121 Km)	Cum	Karpoorigram	8.00 4.59	x 8.40 x 32.00 Km = Rs 469.50	8.00 4.59	x 20.30 x 0.00 Km = Rs 0.00	Rs. 1090.99	Rs. 1651.50
2	Stone Metal Gr-III / GSB (Sheikhpura by Rail 121 Km)	Cum	Karpoorigram	8.00 4.99	x 7.52 x 32.00 Km = Rs 385.80	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00	Rs. 1705.22	Rs. 1549.47
	Stone Metal Gr-III / GSB (Sheikhpura by Rail 121 Km)	Cum	Karpoorigram	8.00 4.99	x 8.40 x 32.00 Km = Rs 430.94	8.00 4.99	x 20.30 x 0.00 Km = Rs 0.00	Rs. 1026.52	Rs. 1549.47
3	Stone Aggregate / Chips (Mirza-Cheuki by Rail 230 Km)	Cum	Karpoorigram	8.00 4.99	x 7.52 x 32.00 Km = Rs 385.80	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00	Rs. 2140.35	Rs. 1984.60
	Stone Aggregate / Chips (Mirza-Cheuki by Rail 230 Km)	Cum	Karpoorigram	8.00 4.99	x 8.40 x 32.00 Km = Rs 430.94	8.00 4.99	x 20.30 x 0.00 Km = Rs 0.00	Rs. 1461.65	Rs. 1984.60
4	Stone Boulder (Sheikhpura by Rail 121 Km)	Cum	Karpoorigram	8.00 4.80	x 7.52 x 32.00 Km = Rs 401.07	8.00 4.80	x 18.19 x 0.00 Km = Rs 0.00	Rs. 1749.67	Rs. 1595.99
	Stone Boulder (Sheikhpura by Rail 121 Km)	Cum	Karpoorigram	8.00 4.80	x 8.40 x 32.00 Km = Rs 448.00	8.00 4.80	x 20.30 x 0.00 Km = Rs 0.00	Rs. 1055.98	Rs. 1595.99
5	Course Sand (Kiul By Rail 97 Km)	Cum	Karpoorigram	8.00 6.00	x 7.52 x 32.00 Km = Rs 320.85	8.00 6.00	x 18.19 x 0.00 Km = Rs 0.00	Rs. 1161.17	Rs. 1058.07
	Course Sand (Kiul By Rail 97 Km)	Cum	Karpoorigram	8.00 6.00	x 8.40 x 32.00 Km = Rs 358.40	8.00 6.00	x 20.30 x 0.00 Km = Rs 0.00	Rs. 642.40	Rs. 1058.07
6	Binding Material/Moorum (Jamui by Rail 125 Km)	Cum	Karpoorigram	8.00 6.00	x 7.52 x 32.00 Km = Rs 320.85	8.00 6.00	x 18.19 x 0.00 Km = Rs 0.00	Rs. 1247.34	Rs. 1193.16
	Binding Material/Moorum (Jamui by Rail 125 Km)	Cum	Karpoorigram	8.00 6.00	x 8.40 x 32.00 Km = Rs 358.40	8.00 6.00	x 20.30 x 0.00 Km = Rs 0.00	Rs. 777.49	Rs. 1193.16
7	Local Sand (Local By Road 3 Km)	Cum	Local	8.00 6.00	x 7.52 x 2.00 Km = Rs 20.05	8.00 6.00	x 18.19 x 1.00 Km = Rs 24.25	Rs. 150.49	Rs. 106.74
	Local Sand (Local By Road 3 Km)	Cum	Local	8.00 6.00	x 8.40 x 2.00 Km = Rs 22.40	8.00 6.00	x 20.30 x 1.00 Km = Rs 27.07	Rs. 106.74	Rs. 106.74
8	Brick (Local By Road 8 Km)	1000 Nos	Local	8.00 2.00	x 7.52 x 7.00 Km = Rs 210.56	8.00 2.00	x 18.19 x 1.00 Km = Rs 72.76	Rs. 730.04	Rs. 730.04
9	Cement (Local By Road 14 Km)	MT	Local	8.00	x 7.52 x 14.00 Km = Rs 105.28	8.00	x 18.19 x 0.00 Km = Rs 0.00	Rs. 427.82	Rs. 427.82
10	Steel (Local By Road 14 Km)	MT	Local	8.00	x 7.52 x 14.00 Km = Rs 105.28	8.00	x 18.19 x 0.00 Km = Rs 0.00	Rs. 448.60	Rs. 448.60
11	Bitumen Emulsion (Muzaffarpur BY Road 58 Km)	MT	Muzaffarpur	8.00	x 7.52 x 58.00 Km = Rs 436.16	8.00	x 18.19 x 0.00 Km = Rs 0.00	Rs. 806.12	Rs. 806.12

12	Bitumen (Barauni By Road 85 km)	MT	Barauni	$\frac{8.00}{8.00} \times 7.52$	$\times 85.00 \text{ Km}$	$= \text{Rs } 639.20$	$\frac{8.00}{8.00} \times 18.19$	$\times 0.00 \text{ Km}$	$= \text{Rs } 0.00$	369.96	Rs. 1009.16
13	Hume Pipe (1000 mm) (Samastipur By Road 32 Km)	m	Samastipur	$\frac{8.00}{10.00} \times 7.52$	$\times 32.00 \text{ Km}$	$= \text{Rs } 192.51$	$\frac{8.00}{10.00} \times 18.19$	$\times 0.00 \text{ Km}$	$= \text{Rs } 0.00$	76.58	Rs. 269.09
14	Hume Pipe (600 mm) (Samastipur By Road 32 Km)	m	Samastipur	$\frac{8.00}{25.00} \times 7.52$	$\times 32.00 \text{ Km}$	$= \text{Rs } 77.00$	$\frac{8.00}{25.00} \times 18.19$	$\times 0.00 \text{ Km}$	$= \text{Rs } 0.00$	32.82	Rs. 109.82
15	Hume Pipe (300 mm) (Samastipur By Road 32 Km)	m	Samastipur	$\frac{8.00}{60.00} \times 7.52$	$\times 32.00 \text{ Km}$	$= \text{Rs } 32.09$	$\frac{8.00}{60.00} \times 18.19$	$\times 0.00 \text{ Km}$	$= \text{Rs } 0.00$	32.82	Rs. 64.91

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	8.40	7.52
Unsurface Gravel Road	10.10	9.04
Kachha Road	20.30	18.19

* Subjected to Verification of Lead

[Signature]
JE
22/10/20
RWD

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AE
22/10/20
RWD

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EE
22/10/20
RWD