ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

2021-22

FLOOD DAMAGED REPORT

Rosera Samastipur Path To Mahaveer Mandir Ke Nikat Se Baijnathpur Bhola Ray Tola Tak

DISTRICT	:-	Samastipur	
DIVISION	:-	Dalsingh Sarai	
BLOCK	:-	Ujiarpur	
TOTAL LENGTH OF ROAD	:-	2.558	KM
TOTAL COST OF SURFACE RENEUAL	:-	8.940	Lac
TOTAL COST OF PROJECT	:-	8.940	Lac

OK

2.3	**Site Photographs**		
	NAME OF ROAD :- Mahavir Chowk Se Bhola Tole		
	BLOCK ;- Ujiyarpur	DISTRICT : Samastipur	
1		2	
3		4	
5		6	

28/10/21
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7		8	

25/10/2021

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BE.

FLOOD DAMAGED REPORT

GENERAL ABSTRACT OF COST

Block:-- Ujiarpur **District:- Samastipur**

Length of Road:-- **2.558 KM**

Name of Road:-- **Rosera Samastipur Path To Mahaveer Mandir Ke Nikat Se Baijnathpur Bhola Ray Tola Tak**

SL. No.	Item of Work		Amount
A	TOTAL COST OF CONSTRUCTION	:	8,940 Lacs
	~~TOTAL~~	:	~~10.900 Lacs~~

Junior Engineer — 25/10/21

Asstt. Engineer — 25/10/21

Executive Engineer — 02.12.2021

SE
RWD

Technically approved for Rs 8,94,000=00 Eight lakh ninety four thousand only including O.H.C 18%, ~~Labour 1%~~ Contractor Profit 10%

T.A 10/12/21

10.12.2021

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, समस्तीपुर

AE 10.12.21

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD :	Rosera Samastipur Path To Mahaveer Mandir Ke Nikat Se Baijnathpur Bhola Ray Tola Tak
DISTRICT	Samastipur
BLOCK	Ujiarpur
DIVISION	Dalsingh Sarai
LENGTH OF ROAD (in Km)	2.558

SL No.	DESCRIPTION		Amount	1 % Labour Cess	12 % GST	1% Labour Cess & 12% GST AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL					
1	Brick Bats		7.008	0.070	0.841	7.919
2	Supply For Bamboo		0.450	0.005	0.054	0.509
3	Bamboo Piles		0.224	0.002	0.027	0.253
4	Bamboo Waven Chachari		0.217	0.002	0.026	0.245
5	Bamboo Runers		0.013	0.000	0.002	0.015
	SUB TOTAL OF SURFACE RENEWAL		**7.912**	**0.079**	**0.949**	**8.940**
		TOTAL COST OF PROJECT IN LACS =	7.912	0.079	0.949	8.940

25/10/2021

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SL No.	SOR SL.NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
1	3.2	301.4	**Brick Bats**								
			Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals,chow'idar,taxes,royality etc.all complete job as per specification and direction of E/I including carriage cost of bricks.								
				Cum	1	30.00	1.5+2.5	2.50	150.00		
							2.0				
				Cum	1	30.00	1.5+2.5	2.50	150.00		
							2.0				
				Cum	1	15.00	1.5+2.5	2.50	75.00		
							2.0				
									375.00	1,868.70	7,00,763.00
2			**Supply For Bamboo**								
		A	**Vartical Bamboo**								
					161	x	4.00	=	644.00		
			Runers		75	x	3.00	=	225.00		
								=	869.00		
					869.00	/	6.00	=	144.83		
			Chachari				No.	=	**144.83**		
					75	x	3.00	=	225.00		
					225.00	/	1.413	=	159.24		
							No.	=	**159.24**		
							Total	=	**304.07**		
			5% Add Westage					=	**319.27**	141.00	45,017.42
2	5.7.7		**Bamboo Piles**								
			Labour for cutting 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I.								
			Vartical Bamboo	1	x	161	x	4	644.00		
									644.00	34.82	22,424.00
3	5.7.8		**Bamboo Waven Chachari**								
			Labour for fitting and fixing split bamboo woven chachari inn 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.								
						75	x	3	225.00		
				Sqm					**225.00**	96.37	21,682.00

SL No.	SDB SL .NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
			Bamboo Runers								
4	5.7.9		Labour for fitting and fixing 62 mm to 75 mm dia bamboo runers in position at every vertiacal pile 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.								
			For Vartical Bamboo	75	x	3			225.00		
			Total Bamboo						225.00	5.75	1,295.00
								A) SUB TOTAL OF CRUST =			7,91,181.42

25/10/2021

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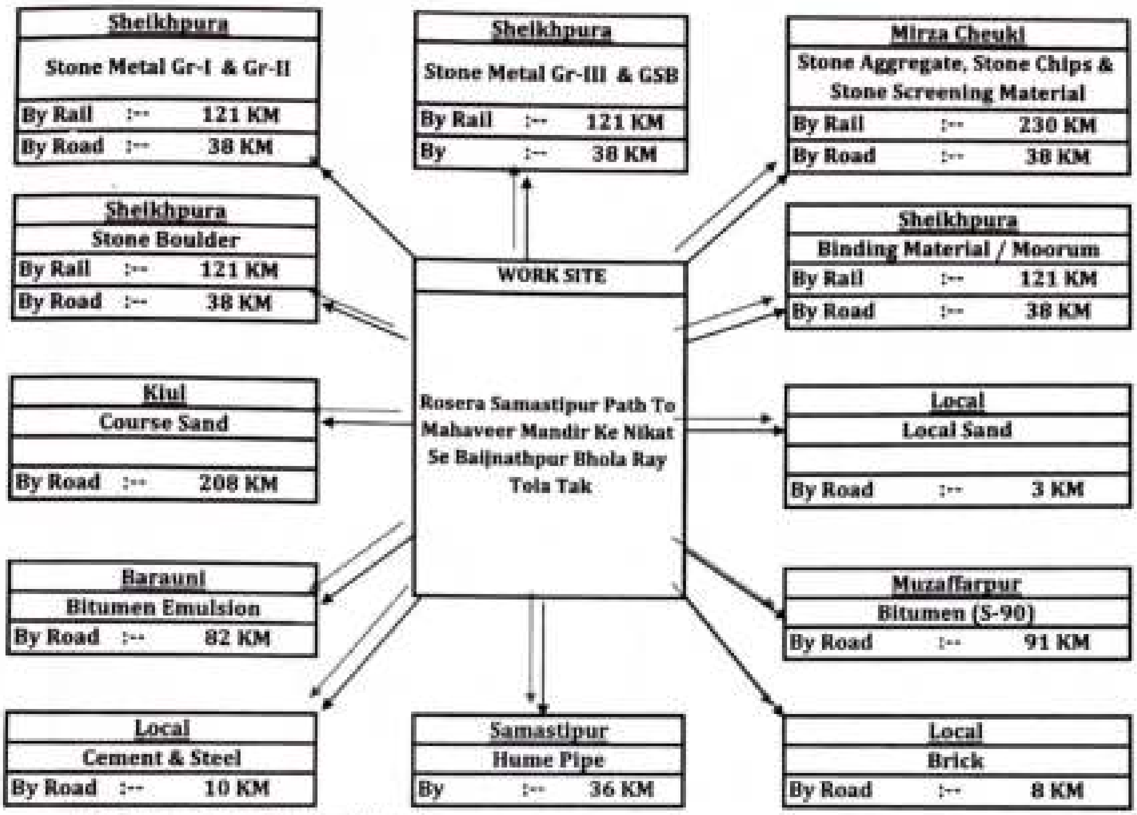
Figure -3 :--

Quarry Map

Name of Road :-- Rosera Samastipur Path To Mahaveer Mandir Ke Nikat Se Baijnathpur Bhola Ray Tola Tak
Block :-- Ujiarpur
District :-- Samastipur

Length of the Road:- 2.558 KM



* Subjected to Verification of Lead

25/10/21 02-12-21

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FORM F8

Analysis for Carriage by Road & Rail

Name of Road:-- Rosera Samastipur Path To Mahaveer Mandir Ke Nikat Se Baijnathpur Bhola Ray Tola Tak

District:- Samastipur **Block :-** Ujiarpur

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km: Pucka / Surface	Carriage Cost & Lead in Km: Katcha	Loading & Unloading Cost	Carriage Cost by Rail Head	Total ₹	Total ₹ Minimum
1	Stone Metal Gr-I & Gr-II (Sheikhpura by Rail 121 Km)	Cum	Sheikhpura	8.00/4.59 x 10.10 x 38.00 Km = Rs 668.93	8.00/4.59 x 24.30 x 0.00 Km = Rs 0.00	105.12	1025.87	Rs. 1799.92	Rs. 1799.92
	Stone Metal Gr-I & Gr-II	Cum	Sheikhpura	8.00/4.59 x 7.94 x 137.00 Km = Rs 1895.91	8.00/4.59 x 19.22 x 0.00 Km = Rs 0.00	210.19		Rs. 2106.10	
2	Stone Metal Gr-III (Sheikhpura by Rail 121 Km)	Cum	Sheikhpura	8.00/4.99 x 10.10 x 38.00 Km = Rs 615.31	8.00/4.99 x 24.30 x 0.00 Km = Rs 0.00	105.12	1128.34	Rs. 1848.77	Rs. 1848.77
	Stone Metal Gr-III	Cum	Sheikhpura	8.00/4.99 x 7.94 x 137.00 Km = Rs 1743.94	8.00/4.99 x 19.22 x 0.00 Km = Rs 0.00	210.19	1128.34	Rs. 3082.47	
3	Stone Aggregate / Chips (Mirza Chowki by Rail 230 Km)	Cum	Sheikhpura	8.00/4.99 x 10.10 x 38.00 Km = Rs 615.31	8.00/4.99 x 24.30 x 0.00 Km = Rs 0.00	105.12	1588.15	Rs. 2308.58	Rs. 2308.58
	Stone Aggregate / Chips	Cum	Sheikhpura	8.00/4.99 x 7.94 x 137.00 Km = Rs 1743.94	8.00/4.99 x 19.22 x 0.00 Km = Rs 0.00	210.19	1588.15	Rs. 3542.28	
4	Stone Boulder (Sheikhpura by Rail 121 Km)	Cum	Sheikhpura	8.00/4.80 x 10.10 x 38.00 Km = Rs 639.67	8.00/4.80 x 24.30 x 0.00 Km = Rs 0.00	105.12	1159.81	Rs. 1904.60	Rs. 1904.60
	Stone Boulder	Cum	Sheikhpura	8.00/4.80 x 7.94 x 137.00 Km = Rs 1812.97	8.00/4.80 x 19.22 x 0.00 Km = Rs 0.00	210.19	1159.81	Rs. 3182.97	
5	Course Sand	Cum	Kiul	8.00/4.99 x 7.94 x 208.00 Km = Rs 2647.73	8.00/4.99 x 19.22 x 0.00 Km = Rs 0.00	113.67		Rs. 2761.40	Rs. 2761.40
6	Binding Material/Moorum (Sheikhpura by Rail 121 Km)	Cum	Sheikhpura	8.00/6.00 x 10.10 x 38.00 Km = Rs 511.73	8.00/6.00 x 24.30 x 0.00 Km = Rs 0.00	113.67	851.49	Rs. 1476.89	Rs. 1476.89
	Binding Material/Moorum	Cum	Sheikhpura	8.00/6.00 x 7.94 x 137.00 Km = Rs 1450.37	8.00/6.00 x 19.22 x 0.00 Km = Rs 0.00	66.31	851.49	Rs. 2368.17	
7	Local Sand	Cum	Local	8.00/4.99 x 10.10 x 2.00 Km = Rs 32.38	8.00/4.99 x 24.30 x 1.00 Km = Rs 38.96	113.67		Rs. 185.01	Rs. 185.01
8	Brick	1000 Nos	Local	8.00/2.00 x 7.94 x 7.00 Km = Rs 222.32	8.00/2.00 x 19.22 x 1.00 Km = Rs 76.88	477.44		Rs. 776.64	Rs. 776.64
9	Cement	MT	Local	8.00/8.00 x 7.94 x 10.00 Km = Rs 79.40	8.00/8.00 x 19.22 x 0.00 Km = Rs 0.00	347.32		Rs. 426.72	Rs. 426.72
10	Steel	MT	Local	8.00/8.00 x 7.94 x 10.00 Km = Rs 79.40	8.00/8.00 x 19.22 0.00 Km = Rs 0.00	370.58		Rs. 449.98	Rs. 449.98
11	Bitumen Emulsion	MT	Barauni	8.00/8.00 x 7.94 x 82.00 Km = Rs 651.08	8.00/8.00 x 19.22 x 0.00 Km = Rs 0.00	396.98		Rs. 1048.06	Rs. 1048.06
12	Bitumen	MT	Muzaffarpur	8.00/8.00 x 7.94 x 91.00 Km = Rs 722.54	8.00/8.00 x 19.22 x 0.00 Km = Rs 0.00	396.98		Rs. 1119.52	Rs. 1119.52
13	Hume Pipe (1000 mm)	m	Samastipur	8.00/10.00 x 7.94 x 36.00 Km = Rs 228.67	8.00/10.00 x 19.22 x 0.00 Km = Rs 0.00	70.84		Rs. 299.51	Rs. 299.51
14	Hume Pipe (600 mm)	m	Samastipur	8.00/25.00 x 7.94 x 36.00 Km = Rs 91.47	8.00/25.00 x 19.22 x 0.00 Km = Rs 0.00	30.36		Rs. 121.83	Rs. 121.83
15	Hume Pipe (300 mm)	m	Samastipur	8.00/60.00 x 7.94 x 36.00 Km = Rs 38.11	8.00/60.00 x 19.22 x 0.00 Km = Rs 0.00	30.36		Rs. 68.47	Rs. 68.47

FORM F8

Cost of Haulage Excluding Loading & Unloading as per SOR as

Type of Road	₹ Per Ton. Km by Tipper	₹ Per Ton. Km by Truck
For Surface Road	10.10	7.94
Unsurface Gravel Road	12.10	9.55
Kachha Road	24.30	19.22

* Subjected to Verification of Lead

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Analysis for Carrige Through Railway from Quarry Site to Work Site

Sheikhpura to Karpurigram

Material -Stone Metal Gr-I & Gr-II

Quarry Site to Sheikhpura Railway Yard (By Road)

Carriage Cost & Lead in Km			Loading & Unloading	Total
Pucka / Surface		**Katcha**		
$\frac{8.00}{4.59}$ x 10.10 x 4.00 Km = Rs 70.41	+	$\frac{8.00}{4.59}$ x 24.30 x 0.00 Km = Rs 0.00	+ Rs 105.12 =	Rs 175.53
UnSurface		$\frac{8.00}{4.59}$ x 12.10 x 1.00 Km	=	Rs 21.09
Loading & Unloading Cost by manual		=	= Rs 210.19 =	Rs 210.19
			Total =	Rs 406.81
Less for O.H & C.P = Rs 406.81 / 1.166		= Rs 348.89	Total "A" =	Rs 348.89

Sheikhpura **Railway Yard to** Karpurigram **Railway Yard = 121.00 Km**

Railway freight charge from Sheikhpura Railway station to Karpurigram Railway station	= For 1 MT	121.00 Km	= Rs 231.30 =	Rs 231.30
Busy Seasion charge 15% of Railway freight charge	=	For 1 MT	= 15% =	Rs 34.70
Railway Development Charge to 5% of Railway freight Charge		For 1 MT	= 5% =	Rs 11.57
Terminal charge @Rs.40.00 per Terminal per MT		For 1 MT	x Rs 40.00 =	Rs 0.00
GST 0 % "(4% included in Overhead Charges) = Rs 277.57 x	0%		=	Rs 0.00
Total	=	**For 1 MT**	=	**Rs 277.57**
Rail Fright = 1.743 x Rs 277.57		**For 1 MT**	**"B" =**	**Rs 483.80**
Gross Cost for Railway freight charge "A" + "B"		**For 1 MT**	=	**Rs 832.69**
		Add 12% Overhead Charge	= 12% =	**Rs 99.92**
		Add 10% Contractor Profit	= 10% =	**Rs 93.26**
Carriage Cost from Quarry to Karpurigram Railway Yard		**For 1 Cum**	=	**Rs 1025.87**

Analysis for Carrige Through Railway from Quarry Site to Work Site

Sheikhpura to Karpurigram

Material -Stone Metal Gr-III / GSB

Quarry Site to Sheikhpura Railway Yard (By Road)

Carriage Cost & Lead in Km			Loading & Unloading	Total
Pucka / Surface		**Katcha**		
$\frac{8.00}{4.99}$ x 10.10 x 4.00 Km = Rs 64.77	+	$\frac{8.00}{4.99}$ x 24.30 x 0.00 Km = Rs 0.00	+ Rs 105.12 =	Rs 169.89
UnSurface		$\frac{8.00}{4.99}$ x 12.10 x 1.00 Km	=	Rs 19.40
Loading & Unloading Cost by manual			= Rs 210.19 =	Rs 210.19
			Total =	Rs 399.48
Less for O.H & C.P = Rs 399.48 / 1.166		= Rs 342.61	Total "A" =	Rs 342.61

Sheikhpura Railway Yard to Karpurigram — Railway Yard = 121.00 Km

Railway freight charge from Sheikhpura Railway station to Karpurigram Railway station	= For 1 MT	121.00 Km		= Rs 231.30	= Rs [illegible]
Busy Season charge 15% of Railway freight charge	= For 1 MT			= 15%	= Rs [illegible]
Railway Development Charge to 5% of Railway freight Charge	For 1 MT			= 5%	= Rs [illegible]
Terminal charge @Rs.40.00 per Terminal per MT	For 1 MT		2	x Rs 40.00	= Rs [illegible]
GST 0 % "(5% included in Overhead Charges) = Rs 357.57 x 0%					= Rs [illegible]
Total	=	For 1 MT			= Rs [illegible]
Rail Fright = 1.603 x Rs 357.57		For 1 MT		"B"	= Rs [illegible]
Gross Cost for Railway Freight charge "A" + "B"		For 1 MT			= Rs [illegible]
		Add 12% Overhead Charge		= 12%	= Rs [illegible]
		Add 10% Contractor Profit		= 10%	= Rs [illegible]
Carriage Cost from Quarry to Karpurigram Railway Yard		For 1 Cum			= Rs [illegible]

Analysis for Carrige Through Railway from Quarry Site to Work Site

Mirza Chowki to Karpurigram

Material -Stone Aggregate / Chips

Quarry Site to Mirza Chowki Railway Yard (By Road)

Carriage Cost & Lead in Km: Pucka / Surface	Katcha	Loading & Unloading	Total
$\frac{8.00}{4.99}$ x 10.10 x 4.00 Km = Rs 64.77	+ $\frac{8.00}{4.99}$ x 24.30 x 0.00 Km = Rs 0.00	+ Rs 105.12 =	[illegible]
UnSurface $\frac{8.00}{4.99}$ x 12.10 x 1.00 Km			= [illegible]
Loading & Unloading Cost by manual =		= Rs 210.19 =	[illegible]
		Total	= [illegible]
Less for O.H & C.P = Rs 399.46 / 1.166	= Rs 342.61	Total "A" =	[illegible]

Mirza Chowki Railway Yard to Karpurigram — Railway Yard = 230.00 Km

Railway freight charge from Mirza Chowki Railway station to Karpurigram Railway station	= For 1 MT	230.00 Km		= Rs 425.30	= [illegible]
Busy Season charge 15% of Railway freight charge	= For 1 MT			= 15%	= [illegible]
Railway Development Charge to 5% of Railway freight Charge	For 1 MT			= 5%	= [illegible]
Terminal charge @Rs.40.00 per Terminal per MT	For 1 MT		2	x Rs 40.00	= [illegible]
GST 0 % "(5% included in Overhead Charges) = Rs 590.37 x 0%					= [illegible]
Total	=	For 1 MT			= [illegible]
Rail Fright = 1.603 x Rs 590.37		For 1 MT		"B"	= [illegible]
Gross Cost for Railway Freight charge "A" + "B"		For 1 MT			= [illegible]
		Add 12% Overhead Charge		= 12%	= [illegible]
		Add 10% Contractor Profit		= 10%	= [illegible]
Carriage Cost from Quarry to Karpurigram Railway Yard		For 1 Cum			= [illegible]

Analysis for Carrige Through Railway from Quarry Site to Work Site

Sheikhpura to Karpurigram

Material -Stone Boulder

Quarry Site to Sheikhpura Railway Yard (By Road)

Carriage Cost & Lead in Km: Pucka / Surface	Katcha	Loading & Unloading	Total
$\frac{8.00}{4.80}$ x 10.10 x 4.00 Km = Rs 67.33	+ $\frac{8.00}{4.80}$ x 24.30 x 0.00 Km = Rs 0.00	+ Rs 105.12 =	Rs 172.45
UnSurface $\frac{8.00}{4.80}$ x 12.10 x 1.00 Km			= Rs 20.17
Loading & Unloading Cost by manual =		= Rs 210.19 =	Rs 210.19
		Total	= Rs 402.81
Less for O.H & C.P = Rs 402.81 / 1.166	= Rs 345.46	Total "A" =	Rs 345.46

Sheikhpura Railway Yard to Karpurigram — Railway Yard = 121.00 Km

Railway freight charge from Sheikhpura Railway station to Karpurigram Railway station	= For 1 MT	121.00 Km		= Rs 231.30	= Rs 231.30
Busy Season charge 15% of Railway freight charge	= For 1 MT			= 15%	= Rs 34.70
Railway Development Charge to 5% of Railway freight Charge	For 1 MT			= 5%	= Rs 11.57
Terminal charge @Rs.40.00 per Terminal per MT	For 1 MT		2	x Rs 40.00	= Rs 80.00
GST 0 % "(5% included in Overhead Charges) = Rs 357.57 x 0%					= Rs 0.00
Total	=	For 1 MT			= Rs 357.57
Rail Fright = 1.667 x Rs 357.57		For 1 MT		"B"	= Rs 595.94
Gross Cost for Railway Freight charge "A" + "B"		For 1 MT			= [illegible]
		Add 12% Overhead Charge		= 12%	= Rs 112.97
		Add 10% Contractor Profit		= 10%	= Rs 105.44
Carriage Cost from Quarry to Karpurigram Railway Yard		For 1 Cum			= Rs 1159.81

Analysis for Carrige Through Railway from Quarry Site to Work Site

Sheikhpura to Karpurigram

Binding Material /Moorum

Quarry Site to Sheikhpura Railway Yard (By Road)

Carriage Cost & Lead in Km: Pucka / Surface	Katcha	Loading & Unloading	Total
$\frac{8.00}{6.00}$ x 10.10 x 4.00 Km = Rs 53.87	+ $\frac{8.00}{6.00}$ x 24.30 x 0.00 Km = Rs 0.00	+ Rs 66.31 =	Rs 120.18
UnSurface $\frac{8.00}{6.00}$ x 12.10 x 1.00 Km			= Rs 16.13
Loading & Unloading Cost by manual =		= Rs 113.67 =	Rs 113.67
		Total	= Rs 249.98
Less for O.H & C.P = Rs 249.98 / 1.166	= Rs 214.39	Total "A" =	Rs 214.39

Sheikhpura Railway Yard to Karpurigram Railway Yard = 121.00 Km

Railway freight charge from Sheikhpura Railway station to Karpurigram Railway station	= For 1 MT	121.00 Km		= Rs 231.30	=	Rs 231
Busy Season charge 15% of Railway freight charge	=	For 1 MT		= 15%	=	Rs 34
Railway Development Charge to 5% of Railway freight Charge		For 1 MT		= 5%	=	Rs 11
Terminal charge @Rs.40.00 per Terminal per MT		For 1 MT	2	x Rs 40.00	=	Rs 80
GST 5 % *(4% included in Overhead Charges) = Rs 357.57 x 1%					=	Rs 3
Total	=	For 1 MT		"B"	=	Rs 4
Rail Fright = 1.323 x Rs 357.57		For 1 MT			=	Rs [illegible]
[illegible]		For 1 MT				
		Add 12% Overhead Charge		= 12%	=	Rs [illegible]
		Add 10% Contractor Profit		= 10%	=	Rs [illegible]
Carriage Cost from Quarry to Karpurigram Railway Yard		For 1 Cum.			=	Rs [illegible]

Analysis of Rates (FORMAT F8)

Sl. No.	SDB Sl. No.	MORD & T No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
			Haulage BY TIPPER				
1	1.10	(i)	**Haulage excluding Loading & Unloading**				
			Haulage of materials by tipper excluding cost of loading, unloading and stacking.				
			Unit = t.km				
			Taking output 10 t load and lead 10 km = 100 t.km				
			Case-I : Surfaced Road				
			Speed with load: 25 km per hour				
			Speed while returning empty: 35 km per hour				
		a)	**Machinery**				
			Tipper 10 t capacity				
			Haulage with load	hour	0.40	1183.00	473.20
			Empty return trip	hour	0.29	1183.00	343.07
		b)	Overheads @ 12%				97.95
		c)	Contractor's profit @ 10% on (a+b)				91.42
			Cost for 100 t-km = a+b+c				1005.64
			Rate per cum = (a+b+c) /100				10.06
			Rate Per Km.	**Cum**			**10.10**
2	1.10	(ii)	**Haulage excluding Loading & Unloading**				
			Haulage of materials by tipper excluding cost of loading, unloading and stacking.				
			Unit = t.km				
			Taking output 10 t load and lead 10 km = 100 t.km				
			Case-II: Unsurfaced Gravel Road.				
			Speed with load: 20 km/hour				
			Speed for empty return trip: 30 km/hour				
		a)	**Machinery**				
			Tipper 10 t capacity				
			Haulage with load	hour	0.50	1183.00	591.50
			Empty return trip	hour	0.33	1183.00	390.39
		b)	Overheads @ 12%				117.83
		c)	Contractor's profit @ 10% on (a+b)				109.97
			Cost for 100 t-km = a+b+c				1209.69
			Rate per cum = (a+b+c) /100				12.10
			Rate Per Km.	**Cum**			**12.10**
3	1.10	(iii)	**Haulage excluding Loading & Unloading**				
			Haulage of materials by tipper excluding cost of loading, unloading and stacking.				
			Unit = t.km				
			Taking output 10 t load and lead 10 km = 100 t.km				
			Case-III : Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.				
			Speed with load: 10 km per hour				
			Speed while returning empty: 15 km per hour				
		a)	**Machinery**				
			Tipper 10 t capacity				
			Haulage with load	hour	1.00	1183.00	1183.00
			Empty return trip	hour	0.67	1183.00	792.61
		b)	Overheads @ 12%				237.07
		c)	Contractor's profit @ 10% on (a+b)				221.27
			Cost for 100 t-km = a+b+c				2433.95
			Rate per cum = (a+b+c) /100				24.34
			Rate Per Km.	**Cum**			**24.3**
			Haulage BY TRUCK				
4	1.10	(i)	**Haulage excluding Loading & Unloading**				
			Haulage of materials by tipper excluding cost of loading, unloading and stacking				

Analysis of Rates (FORMAT F8)

Sl. No.	2009 Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate
			Unit = t.km			
			Taking output 10 t load and lead 10 km = 100 t.km			
			Case-I : Surfaced Road			
			Speed with load: 25 km per hour			
			Speed while returning empty: 35 km per hour			
		a)	**Machinery**			
			Truck 10 t capacity			
			Haulage with load	hour	0.40	934.[illegible]
			Empty return trip	hour	0.29	934.[illegible]
		b)	Overheads @ 12%			
		c)	Contractor's profit @ 10% on (a+b)			
			Cost for 100 t-km = a+b+c			
			Rate per cum = (a+b+c) /100			
			Rate Per Km.	Cum		
5	1.10	(ii)	**Haulage excluding Loading & Unloading**			
			Haulage of materials by tipper excluding cost of loading, unloading and stacking.			
			Unit = t.km			
			Taking output 10 t load and lead 10 km = 100 t.km			
			Case-II: Unsurfaced Gravel Road.			
			Speed with load: 20 km/hour			
			Speed for empty return trip: 30 km/hour			
		a)	**Machinery**			
			Truck 10 t capacity			
			Haulage with load	hour	0.50	934.[illegible]
			Empty return trip	hour	0.33	934.[illegible]
		b)	Overheads @ 12%			
		c)	Contractor's profit @ 10% on (a+b)			
			Cost for 100 t-km = a+b+c			
			Rate per cum = (a+b+c) /100			
			Rate Per Km.	Cum		
6	1.10	(iii)	**Haulage excluding Loading & Unloading**			
			Haulage of materials by tipper excluding cost of loading, unloading and stacking.			
			Unit = t.km			
			Taking output 10 t load and lead 10 km = 100 t.km			
			Case-III : Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.			
			Speed with load: 10 km per hour			
			Speed while returning empty: 15 km per hour			
		a)	**Machinery**			
			Truck 10 t capacity			
			Haulage with load	hour	1.00	934.[illegible]
			Empty return trip	hour	0.67	934.[illegible]
		b)	Overheads @ 12%			
		c)	Contractor's profit @ 10% on (a+b)			
			Cost for 100 t-km = a+b+c			
			Rate per cum = (a+b+c) /100			
			Rate Per Km.	Cum		
7	1.10	RCD	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum.			
			Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and			
			Unit = cum			
			Taking output = 5.5 cum			
			Time required for			
			i) Positioning of tipper at loading point			1 Min
			ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour			13 Min
			iii) Maneuvering, reversing, dumping and turning for return			2 Min
			iv) Waiting time, unforeseen contingencies etc			4 Min
			Total			20 Min
			a) Machinery			
			Tipper 5.5 tonnes capacity	hour		0.33
			Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour		0.33
			Overheads @ 12%			

Analysis of Rates (FORMAT F8)

Sl. No.	2009 Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
			c) Contractor's profit @ 10% on (a+b)				95.28
			Cost for 5.5 cum = a+b+c				1051.34
			Rate per cum = (a+b+c)/ 5.5				191.16
			Unloading will be by tipping			say	[illegible]
8	1.20	RCD	**Loading and Unloading of Boulders by Manual Means**				
			Unit = cum				
			Taking output = 5.5 cum				
			a) Labour				
			Mate	day	0.11	321.00	35.31
			Mazdoor for loading and unloading	day	0.75	304.00	228.00
			b) Machinery				
			Tipper 5.5 tonne capacity	hour	0.75	1183.00	887.25
			Overheads @ 12%				138.07
			d) Contractor's profit @ 10% on (a+b+c)				128.86
			Cost for 5.5 cum = a+b+c+d				1417.49
			Rate per cum = (a+b+c+d)/5.5				257.73
			Unloading will be by tipping			say	[illegible]
9	1.30	RCD	**Loading and Unloading of Cement or Steel by Manual Means and**				
			Unit = tonne				
			Taking output = 10 tonnes				
			a) Labour				
			Mate	day	0.08	321.00	25.68
			Mazdoor for loading and unloading	day	2.00	304.00	608.00
			b) Machinery				
			Truck 10 tonne capacity	hour	2.00	934.30	1868.60
			Overheads @ 12%				300.27
			d) Contractor's profit @ 10% on (a+b+c)				280.26
			Cost for 10 tonnes = a+b+c+d				3082.81
			Rate per tonnes = (a+b+c+d)/10				308.28
						say	[illegible]
10	1.1	(i)	Loading of Lime, Aggregate, Stone Boulder, Brick Aggregate, Kankar, Building Rubbish, Crushed Slag, Stone for Masonry Work by manual means including a lead upto 30 m				
			Unit = cum				
			Taking output = 5.5 cum				
		a)	**Labour**				
			Mate	day	0.02	321.00	6.42
			Mazdoor (Unskilled)	day	0.50	304.00	152.00
		b)	**Machinery**				
			Truck	hour	0.50	934.30	467.15
		c)	Overheads @ 12%				75.07
		d)	Contractor's profit @ 10% on (a+b+c)				70.06
			Cost for 5.5 cum = a+b+c+d				770.70
			Rate per cum = (a+b+c+d) /5.5				140.13
			Total Cost	Cum			140.13
		(ii)	Loading of Earth, Sand, Moorum, Manure, Flyash by manual means including a lead upto 30 m.				
			Unit = cum				
			Taking output = 5.5 cum				
		a)	**Labour**				
			Mate	day	0.01	321.00	3.21
			Mazdoor (Unskilled)	day	0.25	304.00	76.00
		b)	**Machinery**				
			Truck	hour	0.25	934.30	233.58
		c)	Overheads @ 12%				37.53
		d)	Contractor's profit @ 10% on (a+b+c)				35.03
			Cost for 5.5 cum = a+b+c+d				385.35
			Rate per cum = (a+b+c+d) /5.5				70.06
			Total Cost	Cum			70.06
		(iii)	Unloading of Lime, Aggregate, Stone Boulder, Brick Aggregate, Kankar, Building Rubbish, Crushed Slag, Stone for Masonry Work by mechanical means including a lead upto 30 m				
			Unit = cum				
			Taking output = 5.5 cum				
		a)	**Labour**				
			Mate	day	0.01	321.00	3.21

Analysis of Rates (FORMAT F8)

Sl. No.	SOR Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount
			Mazdoor (Unskilled)	day	0.25	304.00	
		b)	Machinery				
			Truck	hour	0.25	934.30	
		c)	Overheads @ 12%				
		d)	Contractor's profit @ 10% on (a+b+c)				
			Cost for 5.5 cum = a+b+c+d				
			Rate per cum = (a+b+c+d)/5.5				
			Total Cost	Cum			
			Total Loading & Unloading of Stone Aggregates	Cum	= 146.13 + 70.66 =		
13		(iv)	Unloading of Earth, Sand, Moorum, Manure, Flyash by manual means including a lead upto 30 m.				
			Unit = cum				
			Taking output = 5.5 cum				
		a)	Labour				
			Mate	day	0.01	321.00	
			Mazdoor (Unskilled)	day	0.13	304.00	
		b)	Machinery				
			Truck	hour	0.17	934.30	
		c)	Overheads @ 12%				
		d)	Contractor's profit @ 10% on (a+b+c)				
			Cost for 5.5 cum = a+b+c+d				
			Rate per cum = (a+b+c+d) /5.5				
			Total Cost	Cum			
			Total Loding & Unloading of Sand / Moorum	Cum	= 70.66 + 43.63 =		
14	1.3		Loading, Unloading and Stacking of Bricks by Manual Means				
		(i)	Loading of Bricks by manual means including a lead upto 30 m				
			Unit = 1000 Nos.				
			Taking output = 2000 Nos.				
		a)	Labour				
			Mate	day	0.01	321.00	
			Mazdoor (Unskilled)	day	0.25	304.00	
		b)	Machinery				
			Truck	hour	0.33	934.30	
		c)	Overheads @ 12%				
		d)	Contractor's profit @ 10% on (a+b+c)				
			Cost for 2000 Nos. = a+b+c+d				
			Rate for 1000 bricks = (a+b+c+d)/2				
			Total Cost	no.			
15		(ii)	Unloading and Stacking of Bricks by manual means including a lead upto 30 m				
			Unit = 1000 Nos.				
			Taking output = 2000 Nos.				
		a)	Labour				
			Mate	day	0.01	321.00	
			Mazdoor (Unskilled)	day	0.25	304.00	
		b)	Machinery				
			Truck	hour	0.33	934.30	
		c)	Overheads @ 12%				
		d)	Contractor's profit @ 10% on (a+b+c)				
			Cost for 2000 Nos. = a+b+c+d				
			Rate for 1000 bricks = (a+b+c+d)/2				
			Total Cost	no.			
			Total Loding & Unloading of Brick Per 1000		= 238.72 + 2[illegible]		
16			Loading and Unloading of Cement by Manual Means				
		(i)	Loading of Cement by manual means including a lead upto 30 m				
			Unit = t				
			Taking output = 10 t				
		a)	Labour				
			Mate	day	0.06	321.00	
			Mazdoor (Unskilled)	day	1.50	304.00	

Analysis of Rates (FORMAT F8)

Sl. No.	SOR Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount
		b)	Machinery				
			Truck	hour	1.00	934.30	934.30
		c)	Overheads @ 12%				169.15
		d)	Contractor's profit @ 10% on (a+b+c)				157.87
			Cost for 10 t = a+b+c+d				1736.58
			Rate per tonnes = (a+b+c+d)/10				173.66
			Total Cost including	t			173.66
17		(ii)	Unloading of Cement by manual means including a lead upto 30 m				
			Unit = t				
			Taking output = 10 t				
		a)	Labour				
			Mate	day	0.06	321.00	19.26
			Mazdoor (Unskilled)	day	1.50	304.00	456.00
		b)	Machinery				
			Truck	hour	1.00	934.30	934.30
		c)	Overheads @ 12%				169.15
		d)	Contractor's profit @ 10% on (a+b+c)				157.87
			Cost for 10 t = a+b+c+d				1736.58
			Rate per tonne = (a+b+c+d)/10				173.66
			Total Cost	t			173.66
			Total Loding & Unloading of Cement	t	= 173.66 + 173.66 =		347.32
18	1.5		Loading and Unloading of Structural Steel and Steel Bars by manual means				
		(i)	Loading of Structural Steel, Steel Bars by manual means including a lead upto 30 m				
			Unit = t				
			Taking output = 10 t				
		a)	Labour				
			Mate	day	0.07	321.00	22.47
			Mazdoor (Unskilled)	day	1.80	304.00	547.20
		b)	Machinery				
			Truck	hour	1.00	934.30	934.30
		c)	Overheads @ 12%				180.48
		d)	Contractor's profit @ 10% on (a+b+c)				168.44
			Cost for 10 t = a+b+c+d				1852.89
			Rate per tonnes = (a+b+c+d)/10				185.29
			Total Cost	t			185.29
19		(ii)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m				
			Unit = t				
			Taking output = 10 t				
		a)	Labour				
			Mate	day	0.07	321.00	22.47
			Mazdoor (Unskilled)	day	1.80	304.00	547.20
		b)	Machinery				
			Truck	hour	1.00	934.30	934.30
		c)	Overheads @ 12%				180.48
		d)	Contractor's profit @ 10% on (a+b+c)				168.44
			Cost for 10 t = a+b+c+d				1852.89
			Rate per t = (a+b+c+d)/10				185.29
			Total Cost	t			185.29
			Total Loding & Unloading of Steel	t	= 185.29 + 185.29 =		370.58
	1.6		Loading and Unloading of Bitumen Drums by Manual Means				
		(i)	Loading of Bitumen Drums by manual means including a lead upto 30 m				
			Unit = t				
			Taking output = 10 t				
		a)	Labour				
			Mate	day	0.06	321.00	19.26
			Mazdoor (Unskilled)	day	1.60	304.00	486.40
		b)	Machinery				
			Truck	hour	1.25	934.30	1167.88
		c)	Overheads @ 12%				200.82
		d)	Contractor's profit @ 10% on (a+b+c)				187.44
			Cost for 10 t = a+b+c+d				2061.80

Analysis of Rates (FORMAT F8)

Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount Rs.
							206.18
			Rate per tonnes = (a+b+c+d)/10 Total Cost	t			206.18
21		(ii)	Unloading of Bitumen Drums by Manual Means including a lead upto 30 m				
			Unit = t				
			Taking output = 10 t				
		a)	Labour				
			Mate	day	0.05	321.00	16.05
			Mazdoor (Unskilled)	day	1.20	304.00	364.80
		b)	Machinery				
			Truck	hour	1.25	934.30	1167.88
		c)	Overheads @ 12%				185.85
		d)	Contractor's profit @ 10% on (a+b+c)				173.46
			Cost for 10 t = a+b+c+d				1908.0[illegible]
			Rate per t = (a+b+c+d)/10				190.8[illegible]
			Total Cost	t			190.8[illegible]
		Note :-	The rate is exclusive of the self weight of drum	t	= 206.18 + 190.8 =		[illegible]
			Total Lading & Unloading of Bitumen Drums				
			Loading and Unloading of Hume Pipes				
22	1.9	(i)	Loading of RCC Hume pipes by mechanical means including a lead upto 30 m				
		A.	1000 / 1200 mm dia Hume pipe				
			Unit = per pipe				
			Taking output = 9 pipes				
		a)	Labour				
			Mate	day	0.02	321.00	6.42
			Mazdoor (Unskilled)	day	0.50	304.00	152.00
		b)	Machinery				
			Truck	hour	0.33	934.30	308.3[illegible]
			Crane	hour	0.33	909.00	299.9[illegible]
		c)	Overheads @ 12%				92.8[illegible]
		d)	Contractor's profit @ 10% on (a+b+c)				85.9[illegible]
			Cost for 9 pipes = a+b+c+d				944.5[illegible]
			Rate per pipe = (a+b+c+d)/9				104.9[illegible]
			Total Cost	per p			104.9[illegible]
23		C.	600/450 mm dia Hume pipe				
			Unit = per pipe				
			Taking output = 21 pipe				
		a)	Labour				
			Mate	day	0.02	321.00	6.4[illegible]
			Mazdoor (Unskilled)	day	0.50	304.00	152.0[illegible]
		b)	Machinery				
			Truck	hour	0.33	934.30	308.3[illegible]
			Crane	hour	0.33	909.00	299.9[illegible]
		c)	Overheads @ 12%				92.8[illegible]
		d)	Contractor's profit @ 10% on (a+b+c)				85.8[illegible]
			Cost for 21 pipes = a+b+c+d				944.5[illegible]
			Rate per pipe = (a+b+c+d)/21				44.9[illegible]
			Total Cost	per p			44.9[illegible]
24		(iii)	Unloading of RCC Hume pipe by mechanical means including a lead upto 30 m				
		A.	1000/1200 mm dia RCC Hume pipes				
			Unit = per pipe				
			Taking output = 9 pipes				
		a)	Labour				
			Mate	day	0.02	321.00	6.[illegible]
			Mazdoor (Unskilled)	day	0.50	304.00	152.[illegible]
		b)	Machinery				
			Truck	hour	0.20	934.30	186.[illegible]
			Crane	hour	0.20	909.00	181.[illegible]
		c)	Overheads @ 12%				63.[illegible]
		d)	Contractor's profit @ 10% on (a+b+c)				59.[illegible]
			Cost for 9 pipes = a+b+c+d				649.[illegible]
			Rate per pipe = (a+b+c+d)/9				72.[illegible]
			Total Cost	per p			[illegible]
			Total Lading & Unloading of RCC Hume Pipe per Pipe		= 104.95 + 72.15 =		[illegible]
			Total Lading & Unloading of RCC Hume Pipe	m	= 177.1 / 2.50 =		[illegible]

Analysis of Rates (FORMAT F8)

Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount Rs.
25		C.	600/450 mm dia Hume pipe				
			Unit = per pipe				
			Taking output = 21 pipes				
		a)	Labour				
			Mate				
			Mazdoor (Unskilled)	day	0.02	321.00	6.42
		b)	Machinery	day	0.50	304.00	152.00
			Truck				
			Crane	hour	0.20	934.30	186.86
		c)	Overheads @ 12%	hour	0.20	909.00	181.80
		d)	Contractor's profit @ 10% on (a+b+c)				63.25
			Cost for 21 pipes = a+b+c+d				59.03
			Rate per pipe = (a+b+c+d)/21				649.36
							30.92
			Total Cost	per p			30.92
			Total Lading & Unloading of RCC Hume Pipe per Pipe		= 44.98 + 30.92 =		75.90
			Total Lading & Unloading of RCC Hume Pipe	m	= 75.9 / 2.50 =		30.36
26	1.16	100	Setting Out Pillars				
			Unit = 1 No.				
			Analysis of rates per pillar shall account for following :				
			Typical Benchmark 1 no. as per Dwg no. 200.1 of MORD Data Book (Page 1-18)				
			The rate analysis for a typical benchmark as per dwg.				
			1. Excavation	cum	0.33	334.58	108.74
			2. P.C.C grade M 10	cum	0.10	6681.46	668.15
			3. Brick Masonry in CM 1:4	cum	0.48	6237.17	2962.66
			4. Plastering with CM 1:4 , 15 mm thick cement plaster on Brick work.	sqm	2.63	216.63	569.74
			Add 5 per cent cost of items No.1 to 4 for white washing.				215.46
			Sub Total	NO			4524.74
			A Total 6 Nos. of Pillars required for 1 Km.	NO	6.00	4524.74	27148.44
27	1.16	100	Setting Out Pillars				
			Unit = 1 No.				
			Analysis of rates per pillar shall account for following :				
			Reference Pillar 1 no. as per Dwg no. 200.2 of MORD Data Book (Page 1-18)				
			The rate analysis for a typical benchmark as per dwg.				
			1. Excavation	cum	0.192	334.58	64.24
			2. P.C.C grade M 10	cum	0.060	6681.46	400.89
			3. Brick Masonry in CM 1:4	cum	0.193	6237.17	1203.77
			4. Plastering with CM 1:4 , 15 mm thick cement plaster on Brick work.	sqm	1.50	216.63	324.95
			Add 5 per cent cost of items No.1 to 4 for white washing.				99.69
			Sub Total	NO			2093.54
			B Total 2 Nos. of reference pillars required for 1 Km.	NO	2.00	2093.54	4187.08
			Cost of Setting out	Km	A + B		31335.52
			Total Cost	Km			31335.52
28	OLD SOR		Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals,chowkidar,taxes,royalty etc.all complete job as per specification and direction of E/I including carriage cost of bricks.				
	8.1.3.2 (iii)		Unit = cum				
			Assuming- 2.832 Cum				
		a)	Labour (Unskilled)				
			i) Carrying,spreading,laying & Packing	nos	1.50	304.00	456.00
			ii) Compaction brick bats with C.I. Hammer.	nos	0.67	304.00	203.68
			iii) Brick Bat	Cum	2.83	1063.00	3010.42
			iv) Local Sand	Cum	0.63	141.85	89.65
			Over Heads @ 12 % on (a+b+c)				451.17
			C. Profit @ 10 % on (a+b+c+d)				421.09
		d)	Cost for 2.832 cum = a+b+c+d				4632.01
		e)	Rate Per cum=(a+b+c+d)/2.832	cum			1635.60
			CARRIAGE	nos	0.300	776.64	233.10
			Carriage for Brick (1 cum Bats = 300 nos Bricks)				1868.70
			Rate per cum with carriage Total Cost	CUM			1,868.70

Analysis of Rates (FORMAT F8)

SL. No.	SDB SL. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
27	5.7.6		**Labour for cutting 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I.**				
			Unit = Per M				
			Taking Out put = 10 Joint				
			(Assuming 10 Joints)				
		a)	**Materials**	nos	20.00	32.88	657.60
			Nut And Bolts 16 mm Dia 225mm Long With Washer etc.				
		b)	**Laber**	nos	0.50	408.00	204.00
			Carpenter Gril	nos	0.25	304.00	76.00
			Unskilled Mazdoor				112.5
		c)	Overheads @ 12%				105.0
		d)	Contractor's profit @ 10% on (a+b+c+d)				
			Rate Per cum=(a+b+c+d)/10	**Per M**			115.5
		e)	**Total Cost**	**Per M**			**115.5**
28	5.7.7		**Labour for cutting 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I.**				
			Unit = Per M				
			Taking Out put = 30.50 M				
			(Assuming 20 nos, Pile Sunk 1.525 Mtr Deep)				
		b)	**Laber**	nos	0.25	408.00	102.00
			Carpenter Gril	nos	2.50	304.00	760.00
			Unskilled Mazdoor				103.44
		c)	Overheads @ 12%				96.54
		d)	Contractor's profit @ 10% on (a+b+c+d)				
		e)	**Rate Per cum=(a+b+c+d)/30.5**	**Per M**			34.82
			Total Cost	**Per M**			**34.82**
29	5.7.8		**Labour for fitting and fixing split bamboo woven chachari inn 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.**				
			Unit = Per M				
			Taking Out put = 9.30 M				
			(Assuming 20 nos, Pile Sunk 1.525 Mtr Deep)				
		a)	**Materials**				
			75 mm To 100 mm Lon Nails	Kg	0.25	61.74	15.44
		b)	**Laber**				
			Carpenter Gril	nos	1.00	408.00	408.00
			Unskilled Mazdoor	nos	1.00	304.00	304.00
		c)	Overheads @ 12%				87.29
		d)	Contractor's profit @ 10% on (a+b+c+d)				81.47
		e)	**Rate Per cum=(a+b+c+d)/9.30**	**Per M**			96.3
			Total Cost	**Per M**			**96.3**
30	5.7.9		**Labour for fitting and fixing 62 mm to 75 mm dia bamboo raners in position at every vertiacal pile 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.**				
			Unit = Per M				
			Taking Out put = 30.50 M				
		a)	**Materials**				
			75mm To 100 mm Lon Nails				
		b)	**Laber**	Kg	0.25	61.74	15.44
			Carpenter Gril				
			Unskilled Mazdoor	nos	0.125	408.00	51.00
		c)	Overheads @ 12%	nos	0.250	304.00	76.00
		d)	Contractor's profit @ 10% on (a+b+c+d)				17.0
		e)					15.9
			Rate Per cum=(a+b+c+d)/30.5	**Per M**			5.7
			Total Cost	**Per M**			[illegible]

कार्यपालक अभियंता, ग्रामीण कार्य विभाग
कार्य प्रमंडल, दलसिंहसराय, समस्तीपुर

पत्रांक 1967
प्रेषक,

दलसिंहसराय / दिनांक 26/11/2021

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमडल, दलसिंहसराय

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, तेघडा।

विषय— **एफ०डी०आर योजना के जांच के संबंध में।**

प्रसंग— **अभियंता प्रमुख ,ग्रामीण कार्य विभाग,बिहार पटना के ज्ञापांक — 4589 दिनाक** -13/11/2021

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि निम्नलिखित योजनाओं की जांच आपके द्वारा किया जाना है जिसकी सूची प्राक्कलन सहित समर्पित की जाती है |

क्र० स०	योजना का नाम	प्रखंड	पथ की लम्बाइ	प्रा० राशि	अभियुक्ति
1	L079 to Panchayat Harijan Tola	Morwa	0.210	6.23300	
2	Chakdaulat to Akha Road Village road under Ujairpur	Ujiarpur	0.028	2.12000	
3	Nh 28 mazar satanpur to andaha	Ujiarpur	0.060	1.96526	
4	Angar Kerai Path to Angar Kerai(Lilji)	Ujiarpur	0.114	7.73800	
5	Rosera samastipur path to Mahaveer mandir ke nikat se Baijnathpur Bhola Roy Tola Tak	Ujiarpur	0.075	8.94000	
6	Samastipur-Ujjiyarpur-Sarairanjan Tajpur Path	Ujiarpur	0.450	13.01000	
7	Constriction of bridgeof size 8x24.75 m. on Budhi Gandak river of Mahthi village of Bibhutipur block in Samastipur Dist.	Bibhutipur	0.186	12.10000	
8	L045-LO43 to kerai (VR45)	Bibhutipur	0.205	11.44676	
9	L023-MDR TO3 to Mahti (VR23)	Bibhutipur	0.022	0.94548	
10	Samartha - Chandsurari-Surauli Road	Bibhutipur	1.248	15.33500	
11	Maheshpatti Babulal Chowk to Dhamua Road under Ujiyarpur block.	Ujiarpur	1.097	16.18400	
12	Kalyanpur Mahabir Temple - Mehsari	Bibhutipur	0.645	12.13000	
13	MMGSY to Sahni Tola	Dalsinghsarai	0.114	1.32100	
14	L052-nh to jitwarpur (VR52)	Sarairanjan	0.181	2.60535	
15	T04 to Yadav Tola	Morwa	0.102	2.27553	
16	L073-T06 to Maripur (VR73)	Morwa	0.060	1.02317	
17	NH 103 Halai Bajar to Malpur chauk Bhaya Rariyahi Bandey Hat Maricha path	Morwa	0.200	2.36921	
18	L042 to Dakshin Tola tak Sadak Nirman Karya	Sarairanjan	0.239	5.58181	
19	T03 to Nagargama West	Dalsinghsarai	0.111	3.90934	
20	T01 NH to Harijan Tola	Dalsinghsarai	0.106	6.13551	
21	L039-MDR to Harshankarpur (VR39)	Dalsinghsarai	0.168	7.94500	
22	L051-T05 to Madhipur (VR51)	Dalsinghsarai	0.025	2.95700	

23	Railway Gumti Raipur Belari path to Mushari	Ujiarpur	0.245	8.30782	
24	SH-103 Petroul Pump to Pachbheda Daddanpur RCD Path(Daddanpur More Chaklal Sahi NH-103 via Pacbheda Path)	Morwa	0.175	1.85146	
25	NH103 - Rampur	Sarairanjan	0.050	2.29068	
26	Lagma to Musapur Bahadurpur Amroli	Sarairanjan	1.900	17.83000	
27	L038 to Dakshin Tola	Sarairanjan	1.095	13.57350	
28	L036 To Dakshin Tola Bhadurpur Armaluli	Sarairanjan	1.200	5.93200	

विश्वासभाजन

16.11.2021

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल,दलसिंहसराय

अभियंता प्रमुख का कार्यालय
ग्रामीण कार्य विभाग, बिहार, पटना।

पत्रांकः– मु0अ0–4(मु0)विविध (कार्य)–23–291/2019-4589 दिनांक– 13/11/2021

प्रेषक– अशोक कुमार मिश्रा,
अभियंता प्रमुख

सेवा में,

अधीक्षण अभियंता,
सभी कार्य अंचल,
ग्रामीण कार्य विभाग।

विषयः– वर्ष 2021–22 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल करने हेतु किए गए कार्य की जाँच के संबंध में।

महाशय,

वर्ष 2021–22 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल करने हेतु किए गए कार्यों की शत् प्रतिशत जाँच अपने अंचल के अधीन असंबद्ध कार्यपालक अभियंता एवं उनके अधीनस्थ पदाधिकारियों के दल के माध्यम से सुनिश्चित की जाय। इस जाँच दल के गठन में यह ध्यान रखा जाय कि कार्यपालक अभियंता को जाँच हेतु आवंटित प्रमंडल परस्पर एक दूसरे के प्रमंडल के न हो। जाँच हेतु अंतिम तिथि 25/11/2021 निर्धारित है। इस तरह प्राप्त जाँच प्रतिवेदन भी अन्य सूचनाओं (यथा प्राक्कलन/मापी पुस्तिका की प्रति इत्यादि) की भाँति MIS पर Upload किया जायेगा, जिसके लिए MIS में किए गए प्रावधान के अनुसार अपना जाँच प्रतिवेदन Upload करना सुनिश्चित करें। साथ ही साथ पूर्ण पुनर्स्थापन कार्य हेतु भी DPR निर्माण का कार्य भी 25/11/2021 तक कराया जाए।

उपरोक्त का अनुपालन शत् प्रतिशत पथों के लिए सुनिश्चित किया जाय।

विश्वासभाजन

13/11/21

(अशोक कुमार मिश्रा)
अभियंता प्रमुख

ज्ञापांकः– मु0अ0–4(मु0)विविध (कार्य)–23–291/2019 4589 दिनांक 13/11/2021

प्रतिलिपिः– सभी कार्यपालक अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

13/11/21

अभियंता प्रमुख

ज्ञापांकः— मु0अ0—4(मु0)विविध (कार्य)—23—291/2019 4589 दिनांक 13/11/2021
प्रतिलिपिः— आई0टी0 नोडल, ग्रामीण कार्य विभाग को विभागीय वेवसाइट पर अपलोड करने हेतु प्रेषित।

13/11/21
अभियंता प्रमुख