

# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

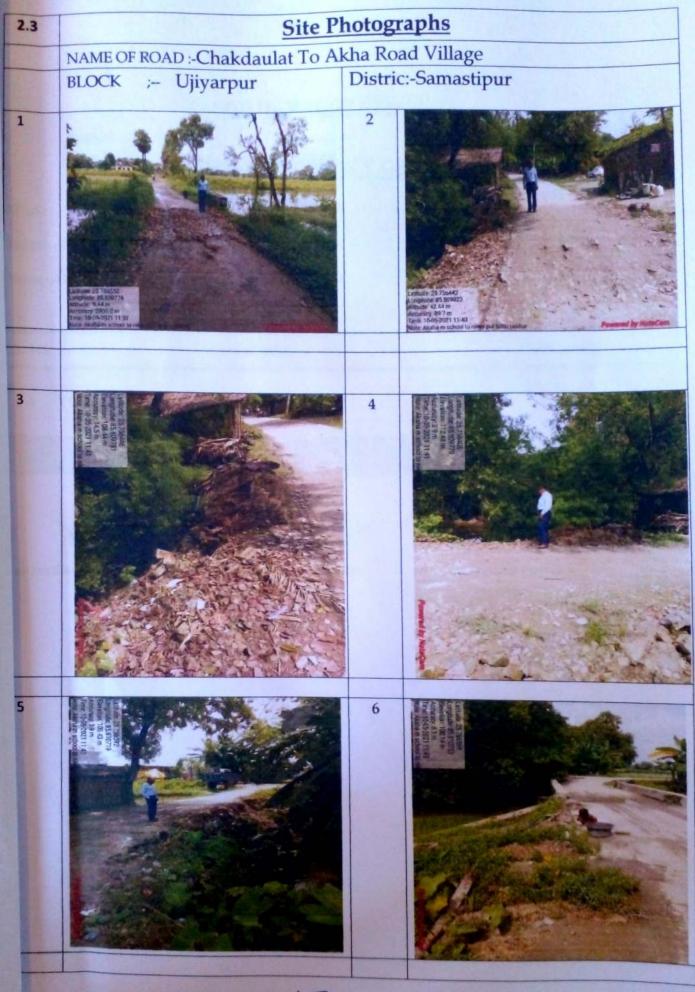
2021-22

### FLOOD DAMAGED REPORT



# Chakdaulat To Akha Road

DISTRICT	:-	Samastipur	
DIVISION	1-	Dalsingh Sarai	111
вьоск	<b>5</b> -	Ujiarpur	
TOTAL LENGTH OF ROAD	1-	0.028	КМ
TOTAL COST OF SURFACE RENEUAL	:-	2.12	Lac
TOTAL COST OF PROJECT	:-	2.190	Lac



Exploren

15/10/21

### FLOOD DAMAGED REPORT

### **GENERAL ABSTRACT OF COST**

Block:-

<u>Ujiarpur</u>

District:- Samastipur

Length of Road:--

0.028 KM

Name of Road:--

Chakdaulat To Akha Road

SL. No.	Item of Work		Amount
A	TOTAL COST OF CONSTRUCTION	·	2.190 2.633 Lács
	TOTAL		-2.655 Lacs

2.120 lacs.

unior Engineer

**Asstt. Engineer** 

**Executive Engineer** 

SE' RWD

### GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD :

Chakdaulat To Akha Road

DISTRICT BLOCK

Samastipur Ujiarpur Dalsingh Sarai 0.028

DIVISION LENGTH OF ROAD (in Km)

SI. 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	1.794.248	0.022	0.270	2.540
2	( By mix in place method ) For Grading II Material	0.082	0.001	0.010	0.093
3	Supply For Bamboo	0.000	0.000	0.000	0.000
4	Bamboo Piles	0.000	0.000	0.000	0.000
5	Bamboo Waven Chachari	0.000	0.000	0.000	0.000
6	Bamboo Runers	0.000	0.000	0.000	0.000
	SUB TOTAL OF SURFACE RENEWAL	1.87 230	0 80023	.V0280	21122633
	TOTAL COST OF PROJECT IN LACS =	2.230	0.023	0.280	-2.633

1.877 .018 0.225 2.120

EE RWD

- 1	(In Rs.)						36265	2,24,805.00						8,226.00	23393100
	RATE						06.30	1,868.70						2,193.71	CRIICT =
	QUANTITY	danger signals, chowkidar, taxes, royality et call complete job as per ge cost of bricks.		82.50		10.80	27.00 2.30	120.30	46.W			well graded material, spreading in uniform layers with motor grader on od with rotavator at OMC, and compacting with smooth wheel roller to		3.75	A) SIIR TOTAL OF CRIICT =
HEICHT	DEIVEL	er in layers n all complete		1.50		06.0	7557	5/0				ers with mo h smooth wl		0.100	V
WIDTH	STATE OF STA	h C.I. Hamm royality etc.		5.0+6.0	2.0	1.0	3.0					uniform lay		3.75	
LENGTH	The state of the s	pacting wit		10.00		6.00	6.00					spreading in MC, and con	lause 401.	10.00	
NOS	THE REAL PROPERTY.	ng and con ignals,chow bricks.		1		2	1			00.1)		d material,	cincation C	1	S. S
Unit		nd packi anger s cost of		Cum		Cum	Cum			Table 4	rial	ell grade with rot	ncal spe	Cum	
IRD Description	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, chowkidar, taxes, royality etc. all complete job as per specification and direction of E/I including carriage cost of bricks.							Omersian C. L. L.		(II) (By mix in place method) For Grading II Material	Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to		Net GSB Qty	
SDB MORD SL.NO REENO					-	-	-		401	+	3		+	+	
SI. No. SDB	1 3.2		-	_		-	-		2 41	+			-	+	

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### Quarry Map

Name of Road :-- Chakdaulat To Akha Road

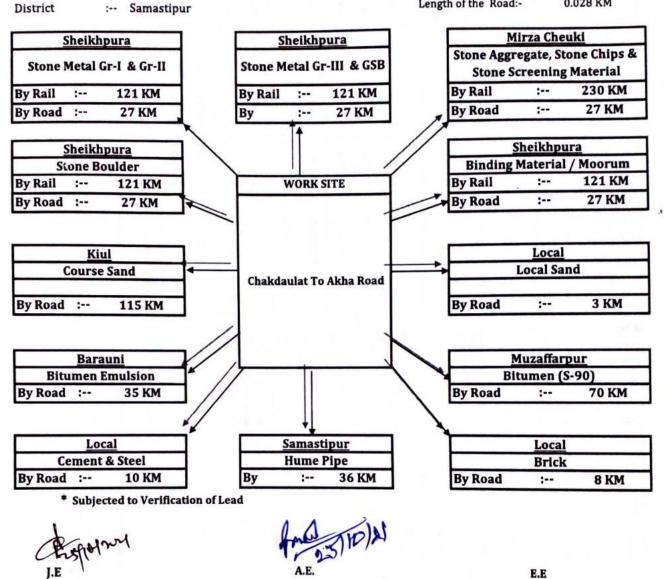
Block

:-- Ujiarpur

:-- Samastipur

Length of the Road:-

0.028 KM



# Analysis for Carriage by Road & Rail

Name of Road:--District:-

Chakdaulat To Akha Road Samastipur

	District:-	Samastipur	stipur				Bloc	Block :- Ujiarpur	_							
	4 13	A STEEL		THE REAL	STATE OF THE PARTY.			Carriage Cost & Lead in Km	& Lead in	Km		TOWN TOWN	Loading &	Carriage	-	Total
7	Si No Item with Source	Onit	Source Up to			Pucka /	ca / Surface				Katcha		Cost	Head Head	101211	Minimum
•	Stone Metal Gr-1 & Gr-II (Sheikhpura by Rail 121 Km)	Сит	Sheikhpura	8.00	- x 10.10	×	27.00 Km	= Rs 475.29	8.00	x 24.30	x 0.00 Km	1 = Rs 0.00	105.12	1025.87	Rs. 1606.28	Rs. 1606.28
		Сит	Sheikhpura	8.00	- x 7.94	×	116.00 Km	= Rs 1605.30	4.59	x 19.22	x 0.00 Km	RS 0.00	210.19		Rs. 1815.49	
•	Stone Metal Gr-III (Sheikhpura by Rail 121 Km)	Cum	Sheikhpura	8.00	x 10.10	×	27.00 Km	= Rs 437.19	4.99	x 24.30	x 0.00 Km	= Rs 0.00	105.12	1128.34	Rs. 1670.65	Rs. 1670.65
		Сиш	Sheikhpura	8.00	x 7.94	×	116.00 Km	= Rs 1476.62	8.00	x 19.22	x 0.00 Km	= Rs 0.00	210.19	1128.34	Rs. 2815.15	
	Stone Aggregate / Chips (Mirza Chowki by Rail 230 Km)	Cum	Sheikhpura	8.00	x 10.10	×	27.00 Km	= Rs 437.19	8.00	x 24.30	x 0.00 Km	= Rs 0.00	105.12	1588.15	Rs. 2130.46	Rs. 2130.46
"		Cum	Sheikhpura	8.00	x 7.94	x 1	116.00 Km	= Rs 1476.62	4.99	x 19.22	х 0.00 Кт	= Rs 0.00	210.19	1588.15	Rs. 3274.96	
	Stone Boulder (Sheikhpura by Rail 121 Km)	Сиш	Sheikhpura	8.00	x 10.10	×	27.00 Km	= Rs 454.50	4.80	x 24.30	x 0.00 Km	= Rs 0.00	105.12	1159.81	Rs. 1719.43	Rs. 1719.43
_	Stone Boulder	Cum	Sheikhpura	8.00	x 7.94	×	116.00 Km	= Rs 1535.07	4.80	x 19.22	x 0.00 Km	= Rs 0.00	210.19	1159.81	Rs. 2905.07	
w	Course Sand	Cum	Kiul	8.00	x 7.94	×	115.00 Km	= Rs 1463.89	8.00	x 19.22	x 0.00 Km	= Rs 0.00	113.67		Rs. 1577.56	Rs. 1577.56
		Сиш	Sheikhpura	8.00	x 10.10	×	27.00 Km	= Rs 363.60	8.00	x 24.30	x 0.00 Km	= Rs 0.00	113.67	851.49	Rs. 1328.76	Rs. 1328.76
9	Binding Material/Moorum	Cum	Sheikhpura	8.00	x 7.94	× 1	116.00 Km	= Rs 1228.05	8.00	x 19.22	x 0.00 Km	= Rs 0.00	66.31	851.49	Rs. 2145.85	
7	Local Sand	Cum	Local	8.00	x 10.10	×	2.00 Km	= Rs 32.38	8.00	x 24.30	x 1.00 Km	= Rs 38.96	113.67		Rs. 185.01	Rs. 185.01
80	Brick	1000 Nos Local	Local	8.00	x 7.94	×	7.00 Km	= Rs 222.32	8.00	x 19.22	x 1.00 Km	= Rs 76.88	477.44		Rs. 776.64	Rs. 776.64
6	Cement	TM	Local	8.00	x 7.94	×	10.00 Km	= Rs 79.40	8.00	x 19.22	x 0.00 Km	= Rs 0.00	347.32		Rs. 426.72	Rs. 426.72
9	Steel	TM	Local	8.00	x 7.94	×	10.00 Km	= Rs 79.40	8.00	x 19.22	0.00 Km	= Rs 0.00	370.58		Rs. 449.98	Rs. 449.98
=	Bitumen Emulsion	TM	Barauni	8.00	x 7.94	×	35.00 Km	= Rs 277.90	8.00	x 19.22	x 0.00 Km	= Rs 0.00	396.98		Rs. 674.88	Rs. 674.88
12	Bitumen	TM	Muzaffarpur	8.00	x 7.94	x 7	70.00 Km	= Rs 555.80	8.00	x 19.22	x 0.00 Km	= Rs 0.00	396.98		Rs. 952.78	Rs. 952.78
13	Hume Pipe (1000 mm)	8	Samastipur	10.00	x 7.94	× 3	36.00 Km	= Rs 228.67	10.00	x 19.22	x 0.00 Km	= Rs 0.00	70.84		Rs. 299.51	Rs. 299.51
41	Hume Pipe (600 mm)	8	Samastipur	8.00	x 7.94	× 3	36.00 Km	= Rs 91.47	8.00	x 19.22	x 0.00 Km	= Rs 0.00	30.36		Rs. 121.83	Rs. 121.83
15	Hume Pipe (300 mm)	8	Samastipur	8.00	x 7.94	<b>x</b> 3	36.00 Km	= Rs 38.11	8.00	x 19.22	x 0.00 Km	= Rs 0.00	30.36		Rs. 68.47	Rs. 68.47

Type of Road	₹ Per Ton. Km by Tipper   ₹ Per Ton. Km by	₹ 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

EE RWD

### 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)

Pucka / Surface Carriage Cost & Lead	in Kı		Catcha	<b>国建设</b>			Loading & Unloading		Total
$\frac{0}{0}$ 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 8.00 4.59	– x	12.10	x	1.00 Km				=	Rs 21.09
Loading & Unloading Cost by manual	=					=	Rs 210.19 Total	<u>:</u> —	Rs 210.19 Rs 406.8
Less for O.H & C.P = Rs 406.81 / 1.166	15.4			Rs 348.89			Total "A"	-	Rs 348.8
eikhpura Railway Yard to Karpurigram	Ra	ilway Yard	i =	121.00 Km					
Railway freight charge from Sheikhpura Railway									
station to Karpurigram Railway station	=	For 1 MT		121.00 Kr	n	=	Rs 231.30	=	Rs 231.
Busy Seasion charge 15% of Railway freight charge	=		For 1	мт		=	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		х	Rs 40.00	=	Rs 0
GST 0 % "(4% included in Overhead Charges) = Rs 277.5	7 x	0%						=	Rs 0
Total	=			For 1 MT				=	Rs 277
Rail Fright = 1.743 x Rs 277.5	1	AZ CALAD	A POST	For 1 MT	le consultation	220	"B"		Rs 483
Gross Cost for Railway freight charge "A" + "B"	40		For 1	MT	17 18 12	in a	<b>Sales</b>	TE.	Rs 83
		A	dd 12	% Overhead	d Charge	ſ	= 12%	-	Rs 99
		A	dd 10	% Contract	or Profit		= 10%	=	Rs 9
Carriage Cost from Quarry to Karpurigram Railwa	w Von	A SHARE MAN	The state of	or 1 Cum	The second second second	-	No. of Concession, Name of Street, or other Designation, Name of Street, Name		

### 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)

	/ Surface		ge Cost	& Lead	in Km		atcha			0	Loading & Unloading	100	Total
8.00 x 10.10 x	4.00 Km	= Rs 64.77	+ —	8.00 4.99	- x	24.30	x	0.00 Km	= Rs 0.00	٠	Rs 105.12	-	Rs 169.89
	UnSurfac		_	8.00 4.99	- x	12.10	x	1.00 Km					Rs 19.40
Loading & Unloa	ading Cos	t by manual								=	Rs 210.19	=	Rs 210.19
											Total	-	Rs 399.48
Less for O.H & C	P	= Rs 399.4	8 /	1.166	ALC 1	有程為		Rs 342.51	THE CANADA	1000	Total "A"	No.	Rs 342 6

	R	nilway Yard = 121.00 Km				
Sheikhpura Railway Yard to Karpurigram	10.					
Railway freight charge from Sheikhpura Railway station to Karpurigram Railway station	=	For 1 MT 121.00 Km		=	Rs 231.30	,
Busy Seasion charge 15% of Railway freight charge	=	For 1 MT		=	15%	
Railway Development Charge to 5% of Railway freight		For 1 MT		=	5%	
Charge Terminal charge @Rs.40.00 per Terminal per MT		For 1 MT	2	x	Rs 40.00	-
GST 0 % "(4% included in Overhead Charges) = Rs 357.57	x	0%				
Total	=	For 1 MT For 1 MT	SUCCES	Wane	the same	
Rail Fright = 1.603 x Rs 357.57		FOI LAI		The same	"B"	
Gross Cost for Rallway freight charge "A" + "B"	超速	For 1 MT	N. S.	18 TH	11	
		Add 12% Overhead Charge		=	12%	
		Add 10% Contractor Profit		=	10%	= 1
Carriage Cost from Quarry to Karpurigram Railway Ya	ard	For 1 Cum				
						= R
<b>Analysis for Carrige Through</b>	Ra	ilway from Quarry Si	te t	to V	Vork Si	te

### Mirza Chowki to Karpurigram

### Material -Stone Aggregate / Chips

Quarry Site to Mirza Chowki Railway Yard (By Road)

Carriage Cost & Lead in	Km			The Part of the Pa				
Pucka / Surface		Katcha				Loading & Unloading		T
X 10.10 X 4.00 Km = Pc.64.77 8.00	x 24.30	x	0.00 Km	= Rs 0.00	+			
				1.0.00	×	Rs 105.12	=	R
UnSurface 8.00 4.99	12.10	x	1.00 Km					
Loading & Unloading Cost by manual			Citin				=	
					=	Rs 210.19	=	R
Less for O.H.& C.P = Rs 399.48 / 1.166	Cay year					Total	=-	R
za Chowki Rallway Yard to Karpurigram p.			Rs 342.61		1	Total "A"		R
· ·	ailway Yard	= 2	30.00 Km					
Railway freight charge from Mirza Chowki Railway station =								
	For 1 MT		230.00 Km			D 107.00		R
Busy Seasion charge 15% of Railway freight charge =					=	Rs 425.30	=	
Railway Development Charge to 5% of Railway freight		or 1 M	Г		=	15%	=	F
Terminal charge @Rs.40.00 per Terminal per MT	r	or 1 M	Γ		=	5%	=	F
GST 0 % "(4% included in Overhood or	F	or 1 M7	Г	2		D= 40.00	=	R
T	0%			2	x	Rs 40.00	•	
1.603 v n =							=	
Gross Cost for Railway freight charge "A" + "B"	SCHOOL STAN		T 1 MT				=	Rs Rs
The state of the s	A 100		The same of the sa			"B"		K
		TIMT	SECURITY OF		88 Ji			Rs L
	Add 1	12% 0	verhead Ch	lana.				Rs 1
Trans.			CI	arge	=	12%	400	
Carriage Cost from Quarry to Karpurigram Railway Yard	Add 1	100/ -	ontractor P					Rs 1

# 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)

Pucka / Surface Carriage Cost & L	ead in K		Catcha				Loading & Unloading		Total
$\frac{0}{0}$ x 10.10 x 4.00 Km = Rs 67.33 + $\frac{8.00}{4.80}$	v	24.30	Х	0.00 Km	= Rs 0.00	+	Rs 105.12	=	Rs 172.4
UnSurface 8.00	v	12.10	, x	1.00 Km				=	Rs 20.1
Loading & Unloading Cost by manual	=					=	Rs 210.19 Total	=	Rs 210.1
Less for O.H & C.P = Rs 402.81 / 1.16	6	(A)		Rs 345.46			Total "A"	海湖	Rs 345.4
eikhpura Railway Yard to Karpurigram	Ra	ilway Yard	= :	121.00 Km					
Railway freight charge from Sheikhpura Railway									
station to Karpurigram Railway station	=	For 1 MT		121.00 Kr	n	=	Rs 231.30	=	Rs 231.
Busy Sension charge 15% of Railway freight charge	=		For 1 N	ΛT		=	15%	=	Rs 34.
Railway Development Charge to 5% of Railway freig	-h-						-		
Charge	giit		For 1 N	ΛT		=	5%	=	Rs 11
Terminal charge @Rs.40.00 per Terminal per MT			For 1 N	ďΤ	2	x	Rs 40.00	=	Rs 80
GST 0 % "(4% included in Overhead Charges) = Rs 35	7.57 x	0%						=	Rs 0
Total	=			For 1 MT				_	Rs 357.
Rail Fright = 1.667 x Rs 35	7.57	255/5/5	34	For 1 MT		12.4	"B"		Rs 595
Gross Cost for Railway freight charge "A" + "B"	17.15		For 11	T.	S/164			156	Rs 941
		Ad	d 12%	Overhead	Charge	=	12%	=	Rs 112
		Ad	d 10%	Contracto	r Profit	=	10%	=	Rs 105
Carriage Cost from Quarry to Karpurigram Raily	vav Yar	THE REAL PROPERTY.	For	1 Cum		THE REAL PROPERTY.	Section and		Rs 1159

## 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)

Pucka / Surface	Cost & Lead in	Km	Katch		*	Loading & Unloading		Total
$\frac{8.00}{6.00}$ x 10.10 x 4.00 Km = Rs 53.87 +	6.00	x 24	.30 x	0.00 Km	= Rs 0.00	+ Rs 66.31	=	Rs 120.18
UnSurface	6.00	x 12	2.10 x	1.00 Km			=	Rs 16.13
Loading & Unloading Cost by manual		•				= Rs 113.67 Total	-	Rs 113.67
Less for O.H & C.P Rs 249.98 /	1.166			Rs 214:39		Total "A"		Rs 214.39

Di di la companya di managara								
Railway freight charge from Sheikhpura Railway	-	For 1 MT	121.00 Km		_	Rs 231.30	_	De 2
station to Karpurigram Railway station	=	FOT I MI	121.00 Km		-	KS 251,50	-	Rs 2
Busy Seasion charge 15% of Railway freight charge	=	F	or 1 MT		=	15%	=	Rs :
Railway Development Charge to 5% of Railway freight								
Charge		F	or 1 MT		=	5%	=	Rs
Terminal charge @Rs.40.00 per Terminal per MT		F	or 1 MT	2	x	Rs 40.00	=	Rs
GST 0 % "(4% included in Overhead Charges) = Rs 357.5	7 x	0%					=	Rs
Total	=		For 1 MT				=	Rs 35
Rail Fright = 1.333 x Rs 357.5	7		For 1 MT		A Tab	"B"	-	Rs 47
Gross Cost for Rallway freight charge "A" + "B"		SKALLER	or 1 MT		14589	Control Sales		Rs 69
		Add	12% Overhead Charge	4	_	12%	=	
					1000	70	-	Rs 8
		Add	10% Contractor Profi	t	=	10%	=	Rs 7

il.	SDB SI.	MORD Ref No.	DESCRIPTION			# Tay 100 6	Amount
	MOLE	(0)		Unit	Quantity	Rate	F
1	1.10	(i)	Haulage excluding Loading & Unloading Haulage of materials by time	PARTY.	<b>建筑</b>	門等能學的	THE STATE OF
		- 3	Haulage of materials by tipper excluding cost of loading, unloading				
			Joint - Ckm				
			Taking output 10 + load - 11				
		7.11	Case-I : Surfaced Road				
			Speed with load, 25 I		agal"		
		a)	Speed while returning empty: 35 km per hour  Machinery				
	1 (	-,	Tipper 10 t capacity				
			Haulage with load				
			Empty return trip	hour	0.40	1183.00	473. 343.
	1 1	b)	Overheads @ 12%	hour	0.29	1183.00	97.9
		c)	Contractor's profit @ 10% on (a+b)				91.
			Cost for $100 \text{ t-km} = a+b+c$				1005.0
			Rate per cum = (a+b+c) /100				1003.
83	12 12 THE		Rate Per Km.	Cum			10.
	1.10	(ii)	Haulage excluding Loading & Unloading	STATE AND ADDRESS.			190000
			madiage of materials by tipper excluding cost of loading unleading				
			and stacking. Unit = t.km				
			Taking output 10 t load and lead 10 km = 100 t.km		- 5		
			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.
			Empty return trip	hour	0.33	1183.00	390.
		b)	Overheads @ 12%				117.
		c)	Contractor's profit @ 10% on (a+b)			1	109.9
			Cost for 100 t-km = a+b+c  Rate per cum = (a+b+c) /100				1209.
1		Page 500	Rate Per Km.	Cum		D. N. C. S. S.	12.
Œ	ROMAN .	DIPTY.	the Landing & Unloading	EST STATE	20 W. F		W. Barry
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			1	
			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		berrar 1		
		a)	Machinery				
			Tipper 10 t capacity	100			
			Haulage with load	hour	1.00	1183.00	1183.
			Empty return trip	hour	0.67	1183.00	792.
		b)	Overheads @ 12%				237.
		c)	Contractor's profit @ 10% on (a+b)				221.
		',	Cost for 100 t-km = a+b+c				2433.
			Rate per cum = (a+b+c) /100				24.
			Rate Per Km.	Cum	Part Se		24
4	No. of		Haulage BY TRUCK		**************************************		
100					1		
4	1.10	(i)	Haulage excluding Loading & Unloading Haulage of materials by tipper excluding cost of loading, unloading				

SL.	SDB SI.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Allon
		a) b) c)	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 Machinery Truck 10 t capacity Haulage with load Empty return trip Overheads @ 12% Contractor's profit @ 10% on (a+b) Cost for 100 t-km = a+b+c Rate per cum = (a+b+c) /100	hour hour	0.40 0.29	934.30 934.30	37 27 71 71
5	1.10	(ii)	Rate Per Km. Haulage excluding Loading & Unloading	Cum		生物 美国	200
		a) b) c)	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  Machinery  Truck 10 t capacity  Haulage with load  Empty return trip  Overheads @ 12%  Contractor's profit @ 10% on (a+b)  Cost for 100 t-km = a+b+c  Rate per cum = (a+b+c) /100	hour hour	0.50 0.33	934.30 934.30	
6	1.10	(iii)	Haulage excluding Loading & Unloading	Cum		The second	Name of Street
		a) b) c)	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  Machinery  Truck 10 t capacity  Haulage with load  Empty return trip  Overheads @ 12%  Contractor's profit @ 10% on (a+b)  Cost for 100 t-km = a+b+c  Rate per cum = (a+b+c) /100	hour hour	1.00 0.67	934.30 934.30	1
7	1.10	RCD	Loading and Unloading of Stone Roulder (Stone	Cum	All address		
			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  ii) Loading by front end loader 1 cum bucket capacity @ 25 cum  per hour  iii) Maneuvering, reversing, dumping and turning for return  iv) Walting time, unforeseen contingencies etc  Total  a) Machinery  Tipper 5.5 tonnes capacity  Front end-loader 1 cum bucket capacity @ 25 cum/hour  Overheads @ 12%	hour hour	1 Min 13 Min 2 Min 4 Min 20 Min 0.33 0.33	1183.00 1403.00	34

SI.		MORD	Trates (FORMATT				CINCOPULED.
10.	No.	Ref No.	C) CONTROL DESCRIPTION	Unit	Quantity	Rate	R
			Cost for 5 5 community on (a+b)	and the last			95.58
			Rate per cum - (				1051.30
	TO THE	U. V.	Unloading will be by tipping.			AND THE RESERVE THE	191.10 191.20
-8	1.20	CD	Loading and Unloading of Boulders by Manual Means Unit = cum	<b>建设</b>	STATE OF THE PARTY	say	191,20
			Taking out				
			Taking output = 5.5 cum  a) Labour				
			Mate			No. of Contrast	
			Mazdoor for loading and unloading	day	0.11	321.00	35.3 228.0
				day	0.75	304.00	220.0
			Tipper 5.5 tonne capacity Overheads @ 12%	hour	0.75	1183.00	887.2
			d) Contractor's profe	nour			138.0
			d) Contractor's profit @ 10% on (a+b+c) Cost for5.5 cum = a+b+c+d				128.8
			Kate per cum = (2+b+c+3) /= =				1417.4 257.7
	THE REAL PROPERTY.	R AND	Cincading Will be by Hands	Maria Company	100000000000	say	257.7
9	1.30	RCD	Loading and Unloading of Cement or Strait and	The same of the sa		au	
					1 1		
			Taking output = 10 tonnes a) Labour				
			Mate				25.6
		- 1	Mazdoor for loading and unloading	day	0.08	321.00 304.00	25.6 608.0
			D) Machinery	day	2.00	304.00	000.0
			Truck 10 tonne capacity	hour	2.00	934.30	1868.6
		i i	Overheads @ 12%				300.2
			d) Contractor's profit @ 10% on (a+b+c) Cost for 10 tonnes = a+b+c+d				280.2
			Rate per tonnes = (a+b+c+d)/10		100		3082.8 308.2
312	STATE OF THE PARTY.	4000		00/0000		say	308.30
10	1.1	(i)	Loading of Lime, Aggregate, Stone Boulder, Brick Aggregate, Kankar,				- Control of the Cont
			Building Rubbish, Crushed Slag, Stone for Masonry Work by manual				
		1	means including a lead upto 30 m				
			Taking output = 5.5 cum				
		a)	Labour				
			Mate	day	0.02	321.00	6.4
		b)	Mazdoor (Unskilled) Machinery	day	0.50	304.00	152.0
		, ,	Truck	hour	0.50	934.30	467.1
		c)	Overheads @ 12%	77.77	0.00	701.50	75.0
		d)	Contractor's profit @ 10% on (a+b+c)		1 1		70.0
			Cost for 5.5 cum = a+b+c+d		1		770.7
			Rate per cum = $(a+b+c+d)/5.5$				140.1
Pal	2000	SISTER	Total Cost	Cum	478 24 TO		140.1
11		(ii)	Loading of Earth, Sand, Moorum, Manure, Flyash by manual means				
			including a lead upto 30 m.				
			Unit = cum				
		a)	Taking output = 5.5 cum				
		ai	Mate	day	0.01	321.00	3.2
			Mazdoor (Unskilled)	day	0.25	304.00	76.0
		b)	Machinery	hour	0.25	934.30	233.5
			Truck		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		37.5
		c)	Overheads @ 12%				35.0
		d)	Contractor's profit @ 10% on (a+b+c) Cost for 5.5 cum = a+b+c+d				385.3
			$p_{a+b} = p_{a+b} = (a+b+c+d)/5.5$				70.0
	The same	Same a		Cum			70.0
12		(iii)	Unloading of Lime, Aggregate, Stone Boulder, Brick Aggregate,				
		(111)	Dubbish Crushed Stag, Stone 15.				
		1	mechanical means including a lead upto 30 m		14		
		1	Unit = cum				
			Taking output = 5.5 cum	2011	11-1		
			If the same	4	0.04		
		a)	Labour Mate	day	0.01	321.00	3.

SI.	SDB	SI. MC	PRD DESCRIPTION		Un	500	antity	Rate
No			No.		da	y	0.25	304.00
		١,	Mazdoor (Unskilled) Machinery		hou	ır	0.25	934.30
		Ι,	Truck		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	10	9						
		d	Cost for 5.5 cum = a+b+c+d			- 1		
			- 1 / / F F	otal Cost	Cun	SES PLAN	1000	(1, 860)S
e vou			Total Loding & Unloading of Stone Aggregate	Mark I	Cum	= 1	40.13 +	70.06 =
				l means				A SUPPLIE
13		(iv	Unloading of Earth, Sand, Moorum, Manure, Flyash by manua including a lead upto 30 m.	. ,,,,,,,,,,,				
			Unit = cum			1		
			Taking output = 5.5 cum	- 1				
		a)	Labour Mate		day		0.01 3	321.00
			Mazdoor (Unskilled)		day			04.00
	- 111	b)	Machinery					
		c)	Truck Overheads @ 12%		hour		0.17 9	34.30
		(d)	Contractor's profit @ 10% on (a+b+c)					
		1	Cost for $5.5 \text{ cum} = a+b+c+d$					
	Bin	S STATE OF S	Rate per cum = $(a+b+c+d)/5.5$	1 Cart				
4	1	No. of	Total Loding & Unloading of Sand / Moorum	STORY WALLES	Cum	= 70	.06 + 43,	61 =
*	1.3		Loading, Unloading and Stacking of Bricks by Manual Mean	s	and the same at			
		(1)				1		
		''	Loading of Bricks by manual means including a lead upto 30 m Unit = 1000 Nos.			1		
			Taking output = 2000 Nos.				- 1	
		a)	Labour					
			Mate					
		b)	Mazdoor (Unskilled)		lay	0.01		1.00
	- 1	UJ	Machinery Truck	1 '	lay	0.25	304	1.00
		c)	Overheads @ 12%	h	our	0.33		
		d)	Contractor's profit @ 10% on (a+b+c)	"	Jun	0.33	934	.30
	_		Cost for 2000 Nos. = a+b+c+d				1	
	-		Rate for 1000 bricks = $(a+b+c+d)/2$					- 1
El Res		(ii)	ALCOHOLOGICAL MANAGEMENT OF THE PROPERTY OF TH	Cont				
		(,	Unloading and Stacking of Bricks by manual means including a leading to 30 m	ead n	0.			
			Unit = 1000 Nos.					
		.	Taking output = 2000 Nos.				1	
	- 1	a)  ]	abour					
			Mate					
		b) N	fazdoor (Unskilled) fachinery	da		0.01	321.0	0
			ruck	da	У	0.25	304.0	
			verheads @ 12%					٠
	-	a)  C	ontractor's profit @ 100/	hou	ır	0.33	934.3	0
		11000						
- All	NAME OF TAXABLE PARTY.	R	ate for 1000 bricks = $(a+b+c+d)/2$					1
		AND DE						
		Lo	Total Loding & Unloading of Bridading of Cement by Manual Means	st no.	Carl Harris	No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa		
	(	i) Lo	Total Co  Total Loding & Unloading of Bri  ading of Cement by Manual Means  it = t  king output = 10 +	ck Per 100	00 =	238.72	238.72	
		100	king output = 10 t	1			-50.72	
	a	l) La	bour	1	1			1
		Ma	te					
	- 1	Ma	Zdoor (II1	1	- 1	- 1		1
	1	1	(Unskilled)	1	1	1		
	'	1	zdoor (Unskilled)	day day		0.06	321.00	

1	SDB SL.	Ref No.	7913 OF Rates (FORMAT F8	,			
10-	NO.	b)	Machinery DESCRIPTION		O SECTION IN		Amounti
			Truck	Unit	Quantity	Rate	E MARKET
		c)	Overheads @ 12%				
		d)	Contractor's	hour	1.00	934.30	934.3
			Contractor's profit @ 10% on (a+b+c)  Rate page 12%				169.1
			Rate per tops				157.8
10	STATE OF THE PARTY	BY AN	Rate per tonnes = $(a+b+c+d)/10$				1736.5
17		(11)	Inlanding				173.6
			Unit = t				173.6
			Taking output = 10 t				
	1 1	a)	Labour				
		8	Mate		1 1	1	
			Mazdoor (Unskilled)	day	0.06	321.00	19.
		b)	Machinery	day	1.50	304.00	456.0
		->	Truck	,			
		c)	Overheads @ 12%	hour	1.00	934.30	934.3
		d)	Contractor's profit @ 10% on (a+b+c)				169.
		)ı	Cost for 10 t = a+b+c+d				157.
NO.	SUR-SURE STATE	DE STATE	Rate per tonne = $(a+b+c+d)/10$				1736.
	S		The second secon				173.4
18	1.5		Total Loding & Unloading of Cement  Loading and Unloading of St.		- 177.66	• 173.66 =	173.4
			manual means	OF SHE SHARE	- 1/3.00	1/3.00 2	34/0
		(1)	Loading of Structural Section			1	
			Loading of Structural Steel, Steel Bars by manual means including a				
			Onit = t				
		-22	Taking output = 10 t				
		a)	Labour				
			Mate				
			Mazdoor (Unskilled)	day	0.07	321.00	22.
		b)	Machinery	day	1.80	304.00	547.
			Truck	hour	1.00	02420	
		c)	Overheads @ 12%	nour	1.00	934.30	934.
		d)	Contractor's profit @ 10% on (a+b+c)				180.4
			Cost for $10 t = a+b+c+d$				1852.
-	-		Rate per tonnes = (a+b+c+d)/10				185.2
19	DESCRIPTION OF THE PERSON OF T	0.090.000.00	Total Cost	MIN ESS	S HOLDS WAS	ASSESSMENT OF THE PARTY OF THE	185
19		(II)	Halandian for a 16: 16: 15		-		103
		(ii)	Unloading of Structural Steel, Steel Bars by manual means including a				103.
		(ii)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m				100
		(ii)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t				
			Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t Taking output = 10 t				100.
		(ii)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t Taking output = 10 t Labour	day	0.07	321.00	
			Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t Taking output = 10 t Labour Mate	day day	0.07	321.00 304.00	22.
		a)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t Taking output = 10 t Labour Mate Mazdoor (Unskilled)	day day	0.7707979	321.00 304.00	22.
			Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t Taking output = 10 t Labour Mate Mazdoor (Unskilled) Machinery Truck		0.7707979		22.547.3 934.
		a)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t Taking output = 10 t Labour Mate Mazdoor (Unskilled) Machinery Truck Overheads @ 12%	day	1.80	304.00	22. 547. 934.
		a) b)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m Unit = t Taking output = 10 t Labour Mate Mazdoor (Unskilled) Machinery Truck Overheads @ 12% Contractor's profit @ 10% on (a+b+c)	day	1.80	304.00	22, 547, 934, 180, 168.
		a) b) c)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d	day	1.80	304.00	22, 547, 934, 180, 168,
		a) b) c)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Pate part = (a+b+c+d)/10	day	1.80	304.00	22, 547, 934, 180, 168, 1852,
		a) b) c)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel	day	1.80	304.00	22. 547. 934. 180. 168. 1852. 185.
20	16	a) b) c)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel	hour	1.80	304.00 934.30	22, 547, 934, 180, 168, 1852, 185,
20	1.6	a) b) c) d)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel	hour	1.80	304.00 934.30	22, 547, 934, 180, 168, 1852, 185,
20	1.6	a) b) c)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto	hour	1.80	304.00 934.30	22, 547, 934, 180, 168, 1852, 185,
20	1.6	a) b) c) d)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Cost  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m	hour	1.80	304.00 934.30	22. 547. 934. 180. 168. 1852. 185.
20	1.6	a) b) c) d)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m  Unit = t	hour	1.80	304.00 934.30	22. 547. 934. 180. 168. 1852. 185.
20	1.6	a) b) c) d)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t	day hour	1.80	304.00 934.30 +185.29 =	22. 547. 934. 180. 168. 1852. 185. 370.
20	1.6	a) b) c) d)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Cost  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate	day hour	1.80 1.00 = 185.29	304.00 934.30 +185.29 =	22. 547. 934. 180. 168. 1852. 185. 370.
20	1.6	a) b) c) d)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Cost  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate	day hour	1.80	304.00 934.30 +185.29 =	22, 547, 934, 180, 168, 1852, 185, 370,5
20	1.6	a) b) c) d)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour	day hour	1.80 1.00 = 185.29	304.00 934.30 +185.29 =	22. 547. 934. 180. 168. 1852. 185. 370.
20	1.6	a) b) c) d) (i)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck	day hour	1.80 1.00 = 185.29	304.00 934.30 +185.29 =	22. 547. 934. 180. 168. 1852. 185. 370. 19. 486.
20	1.6	a) b) c) d) (i)	Unloading of Structural Steel, Steel Bars by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery  Truck  Overheads @ 12%  Contractor's profit @ 10% on (a+b+c)  Cost for 10 t = a+b+c+d  Rate per t = (a+b+c+d)/10  Total Loding & Unloading of Steel  Loading and Unloading of Bitumen Drums by Manual Means  Loading of Bitumen Drums by manual means including a lead upto 30 m  Unit = t  Taking output = 10 t  Labour  Mate  Mazdoor (Unskilled)  Machinery	day hour	1.80 1.00 = 185.29	304.00 934.30 +185.29 =	22. 547.

1.	SDB SL	MORD	DESCRIPTION	Unit	Quantity	Rate
0.	No.	May VIT PORT	THE WASHINGTON TO THE RESERVE OF THE PARTY O	to	Maddan	
mil star	Service Science, in		Rate per tonnes = (a+b+c+d)/10  Total Cost Unloading of Bitumen Drums by Manual Means including a lead upto		10	10 S 18 S
21	THE PARTY NAMED IN	(ii)	Unleading of Bitumen Drums by Manual Means Including a second		1 1	
-	8	(11)	30 m			
			Unit = t			
- 1	1		Taking output = 10 t			
- 1		a)	Labour	day	0.05	321.00
	i		Mate	day	1.20	304.00
- 1			Mazdoor (Unskilled)			00
		b)	Machinery	hour	1.25	934.30
		c)	Truck Overheads @ 12%			N.O.#
		d)	Contractor's profit @ 10% on (a+b+c)			
		-,	Cost for $10 t = a+b+c+d$			
			Rate per $t = (a+b+c+d)/10$			
100-000	- Inches	Note :-	The rate is inclusive of the self weight of drum  Total Cost	The t	Mary Mary	196 Sales
54,91		354	· 图象的 新疆域 1000 1000 1000 1000 1000 1000 1000 10	t	= 206.18	+ 1000
22	1.9	SEA W	Total Loding & Unloading of Bitumen Drums			190.8=
	1.7	(0)	Loading and Unloading of Hume Pipes			
		(i)	Loading of RCC Hume pipes by mechanical means including a lead upto 30 m			5
		A.	1000 / 1200 mm dia Hume pipe			
		1	Unit = per pipe			
		1	Taking output = 9 pipes			
		a)	Labour			
			Mate	day	0.02	321.00
		b)	Mazdoor (Unskilled)	day	0.50	304.00
		0)	Machinery Truck	4		
			Crane	hour	0.33	934.30
		c)	Overheads @ 12%	hour	0.33	909.00
		d)	Contractor's profit @ 10% on (a+b+c)			
			Cost for 9 pipes = a+b+c+d			
St. St	海山河	The same	Rate per pipe = $(a+b+c+d)/9$			
23		C.	600/450 mm dia Hume pipe	perp	P. Carlonson	Edward .
			Unit = per pipe			
			Taking output = 21 pipe			
		a)	Labour			
			Mate			
	1	b)	Mazdoor (Unskilled)	day	0.02	321.00
		0)	Machinery Truck	day	0.50	304.00
			Crane			
		c)	Overheads @ 12%	hour	0.33	934.30
		d)	Contractor's profit @ 10% on (3+b+c)	hour	0.33	909.00
			Cost for 21 pipes = a+b+c+d			
No.	an Chian X	A STANLEY	Rate per pipe = $(a+b+c+d)/21$			
24		(ii)	Unlocation			
V. 7. 18		(11)	Unloading of RCC Hume pipe by mechanical means including a lead	perp		
	1	A.	1000/1200 mm die noo	Pet p	DE RECEIVE	The state of
			Unit = per pine			
		1	Taking output = 9 pines			
		a)	Labour			1 1 11/2
			Mate			
		b)	Mazdoor (Unskilled)			
		5)	Machinery Truck	day	0.02	321.00
			Crane	day	0.50	304.00
		c)	Overheads @ spec			
		d)	Contractor's profit @ 100	hour	0.20	934.30
	1 3		Cost for 9 pipes = a+b+c+d	hour	0.20	909.00
		A PROPERTY OF	Rate per pipe = $(a+b+c+d)/9$			100
The same					715	
	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	THE RESERVE	24年10年10日,10年10日,10年10日			3
mile)	山西泰		Total Loding & Unloading of RCC Hume Pine			

1.	SDB SL	GIFT STORY OF THE STORY	FORMAT FO	,			
0	No.	Ref No.	DESCRIPTION DESCRIPTION	Unit	Constitution	Rate	AMOUNT I
25		C.	000/430 mm 4/	Unit	Quantity	N. COLOR	
			Unit = per pipe				
		a)	Taking output = 21 pipes				
		aj					
			Mate				
			Mazdoor (Unskilled)	day	0.02	321.00	6.4
		b)	Machinery	day	0.50	304.00	152.0
			Truck				
			Crane	hour	0.20	934.30	186.
		c)	Overheads @ 12%	hour	0.20	909.00	181.
		d)	Contractor's profit @ 109				63.
			101 21 Dines - c.L.				59.
			Rate per pipe = $(a+b+c+d)/21$				649.
100	No. of the last	321					30.
		4555	Total Loding & Unicedian 4 Sec 11	per p	-4400	20.02	30. 75.
100			Total Loding & Unloading of RCC Hume Pipe Total Loding & Unloading of RCC Hume Pipe	The second second	- 75 0	+ 30.92 = / 2.50 =	30.3
26	1.16	100		m	- /3.7	/ 2.30 =	39.
10	1.10	100	Setting Out Pillars	-	100000000000000000000000000000000000000		
			Unit = 1 No.				
1			Analysis of rates per pillar shall account for following:				
			1 - ) Produ Delicililiary   no serve D				
			The Police Data Book   Page 1 10 1				
			The rate analysis for a typical benchmark as per dwg.				
		1	1. Excavation	200000000	0.22	334.58	108.
18		1	2. P.C.C. grade M 10	cum	0.33	5942.23	594.
		1	3. Brick Masonry in CM 1:4	cum	0.10	5938.84	2820.
1		1	4. Plastering with CM 1:4, 15 mm thick cement	cum	2.63	186.79	491.
7			plaster on Brick work.	sqm	2.03	100./7	471.
		1	Add 5 per cent cost of items No.1 to 4 for white washing,				200.
			Sub Total	NO			4215.
Service Service	TO HOLD	19000	A Total 6 Nos. of Pillars required for 1 Km.	NO	6.00	4215.93	25295.
27	1.16	100	Setting Out Pillars				
		1	Unit = 1 No.				
		1	Analysis of rates per pillar shall account for following:		1 1		
		1	Reference Pillar 1 no. as per Dwg no. 200.2				
		1	of MORD Data Book ( Page 1-18 )				
		1	The rate analysis for a typical benchmark as per dwg.				
		1	1. Excavation	cum	0.192	334.58	64.
			2. P.C.C. grade M 10	cum	0.060	5942.23	356.
			3. Brick Masonry in CM 1:4	cum	0.193	5938.84	1146.
			4. Plastering with CM 1:4, 15 mm thick cement	sqm	1.50	186.79	280.
	1	1	plaster on Brick work.			100	200.
	1		Add 5 per cent cost of items No.1 to 4 for white washing.				92.
			Sub Total	NO			1939.
	2500		B Total 2 Nos. of reference pillars required for 1 Km.	NO	2.00	1939.51	3879.
1	1	ではながり	Cost of Setting out	Km	A+B	THE PERSON	29174
	OI D CO		Providing brick bats including spreading laying hand packing and comp	Km	the CL III	PERSONAL PROPERTY.	29174.0
	OLD SO	K	75 mm thick including cost of light barriers, danger signals, chowk				
26			specification and direction of E/I including carriage cost of bricks.	,,	pojamij cu	- compic	r jou as pr
26			specification and direction of E/1 including carriage cost of bricks.			1	1
26	8122	1	specification and direction of E/1 including carriage cost of bricas.	1	1		1
26	8.1.3.2	:					1
26	8.1.3.2 (iii)	:	Unit = cum				
26			Unit = cum Assuming- 2.832 Cum				
26		a)	Unit = cum Assuming- 2.832 Cum Labour (Unskilled)	nor	150	304.00	454.0
26			Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying.spreading.laying & Packing	nos	1.50	304.00	
26			Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying,spreading,laying & Packing ii) Compaction brick bats with C.I. Hammer.	nos	0.67	304.00	203.6
26			Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying,spreading,laying & Packing ii) Compaction brick bats with C.I. Hammer. iii) Brick Bat	nos Cum	0.67 2.83	304.00 1063.00	203.6 3010.4
26			Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying,spreading,laying & Packing ii) Compaction brick bats with C.I. Hammer. iii) Brick Bat iv) Local Sand	nos	0.67	304.00	203.6 3010.4 89.6
26			Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying, spreading, laying & Packing ii) Compaction brick bats with C.I. Hammer. iii) Brick Bat iv) Local Sand Over Heads @ 12 % on (a+b+c)	nos Cum	0.67 2.83	304.00 1063.00	203.6 3010.4 89.6 451.1
26			Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying,spreading,laying & Packing ii) Compaction brick bats with C.I. Hammer. iii) Brick Bat iv) Local Sand	nos Cum	0.67 2.83	304.00 1063.00	203.6 3010.4 89.6 451.1
26		a)	Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying.spreading.laying & Packing ii) Compaction brick bats with C.I. Hammer. iii) Brick Bat iv) Local Sand Over Heads @ 12 % on ( a+b+c) C. Profit @ 10 % on ( a+b+c+d)	nos Cum	0.67 2.83	304.00 1063.00	203.6 3010.4 89.6 451.1
26		a) d)	Unit = cum Assuming- 2.832 Cum Labour (Unskilled) i) Carrying, spreading, laying & Packing ii) Compaction brick bats with C.I. Hammer. iii) Brick Bat iv) Local Sand Over Heads @ 12 % on (a+b+c)	nos Cum Cum	0.67 2.83	304.00 1063.00	203.6 3010.4 89.6 451.1 421.0
26		a)	Unit = cum  Assuming- 2.832 Cum  Labour (Unskilled)  i) Carrying.spreading.laying & Packing  ii) Compaction brick bats with C.I. Hammer.  iii) Brick Bat  iv) Local Sand  Over Heads @ 12 % on (a+b+c)  C. Profit @ 10 % on (a+b+c+d)  Cost for 2.832 cum = a+b+c+d  Rate Per cum=(a+b+c+d)/2.832	nos Cum Cum	0.67 2.83	304.00 1063.00	203.6 3010.4 89.6 451.1 421.0 4632. 1635.
26		a) d)	Unit = cum  Assuming- 2.832 Cum  Labour (Unskilled)  i) Carrying.spreading.laying & Packing  ii) Compaction brick bats with C.I. Hammer.  iii) Brick Bat  iv) Local Sand  Over Heads @ 12 % on (a+b+c)  C. Profit @ 10 % on (a+b+c+d)  Cost for 2.832 cum = a+b+c+d  Rate Per cum=(a+b+c+d)/2.832	nos Cum Cum	0.67 2.83	304.00 1063.00	456.0 203.6 3010.4 89.6 451.1 421.0 4632. 1635. 233.1
26		a) d)	Unit = cum  Assuming- 2.832 Cum  Labour (Unskilled) i) Carrying, spreading, laying & Packing ii) Compaction brick bats with C.I. Hammer. iii) Brick Bat iv) Local Sand Over Heads @ 12 % on (a+b+c) C. Profit @ 10 % on (a+b+c+d)  Cost for 2.832 cum = a+b+c+d  Rate Per cum=(a+b+c+d)/2.832	nos Cum Cum	0.67 2.83 0.63	304.00 1063.00 141.85	203.6 3010.4 89.6 451.1 421.0 4632. 1635.

1896.72

				Unit	Quantity	Rate	ADJOR
			DESCRIPTION TO A 100.1)				
Si.	SDB SL		- Material (Table 100)			4	
lo.	No.	Ref No.	Granular Sub-base with Well Graded Material  (By mix in place method) For Grading II Material  (By mix in place method) For Grading well graded material, so the place method with rotavator and the place method with rotavator.	preading	in uniform	lavers with	
35	4.10	401	(By mix in place method) For or any providing well graded materials	at OMC.	and compac	ing with	notor g
			Granular Sub-base with Well Graded Material  (By mix in place method) For Grading II Material  (By mix in place method) For Grading Well graded material, so the sub-base by providing well graded material.	ation Cla	use 401.	with sm	ooth ,
			(By mix in place method) For Graund (By mix in place method) For Graund (By mix in place method) For Graund (By mix in place method) with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mix in place method with rotavator on prepared surface, mixing by mixing	ation on	1 1		
			relier to achieve the desired density, comp		1		
		(II)	For Grading II Material				
		(ii)	Unit = cum		1 1		
			Taking output = 300 cum	day	0.48	224	
		a)	Labour	-	2.00	321.00	
		۵,	Mate	day	6 3000000000000000000000000000000000000	385.00	LIX.
			Mazdoor (Skilled)	day	10.00	304.00	3
			Mazdoor (Inskilled)	•1.555.55	42.00	1222015	
		b)	Machinery Tractar mounted grader arrangement for grading @ 100 cum per hou Tractar mounted grader arrangement for grading per hour	hour	12.00	573.20	
		-,	Tractar mounted grader arrangement for grading	hour	30.00	803.00	2
			Three wheel HU-100 KN static 1011	nour	12.00	629.00	
	100		Tractor with Rotavator 25 cum per nous	hour	5.00	907.00	
			Water tanker 6 kl capacity		1		
	106	c)					
		32.53	Material Well graded granular sub-base material as per Table 400.1	cum	134.40	595.36	8
			26.5 mm to 9.5 mm @ 35 per cent	cum	96.00	506.92	4
		1	9.5 mm to 2.36 mm @ 25 per cent	cum	153.60	141.85	2
			2.36 mm below @ 40 per cent - Local Sand	kl	30.00	40.00	"
			Water			100000000000	2
		d)	Overheads @ 12%				2
		e)	Contractor's profit @ 10% on (a+b+c+d)				24
			Cost of GSB for 300 cum  A) Cost of GSB without carriage per cum	cum			
		Ŋ	CARRIAGE Carriage for GSB material	Cum	0.768	1670.65	
			Carriage for material below 2.36 mm (Local Sand)	Cum	0.512	185.01	
					0.512	103.01	
STATE OF THE PARTY.	No sill our	No. of Street, or other Persons and the Street, or other Persons a	Rate per cum with carriage Total Cost	CUM	A STATE OF THE STA		
INT.	Chausty and	THE REAL PROPERTY.	Total Good			Part of the second	1972