HEAD: 3054 MR (POSTFACTO)

Year 2017-18

QUARRY CHART

Name of road :- Harpatti to Bankipur.

Block:- Bahadurpur District:- Darbhanga

Length of the Road:- 1.440 KM

Stone Metal Gr-I & Gr-II GSB & Boulder

From:

Sheikhpura

Lead: Lead: 152 Km

by rail

by road

Binding Material (Moorum)

From: Jamui

156.00 Km by rail

Lead: Lead:

30.00 Km by road 30 Km

Lead:

Coarse Sand by rail

156 Km 30 Km Lead:

by road

Cement & Steel

From Local

Lead 8 Km

WORK SITE

Hume Pipe

From: Nehra 18 Km

by read

Name of road :- Harpatti to Bankipur.

Stone Chips

From

Mirzachowki

Lead 261 Km

by rail

Lead 30 Km

by road

Emulsion

From:

Muzaffarpur by road

Lead:

75 Km

Bitumen

From:

Muzaffarpur

Lead:

75 Km

Subjected to Verification of Lead

Junior Engineer

Bahadurpur

Asistant Engineer

Bahadurpur

RWD Works Division Darbhanga-1

Superintending Engineer

D Works Circle, Darbhanga

HEAD: 3054 MR (POSTFACTO) Year 2019-20

NAME OF ROAD :- HARPATTI TO BANKIPUR.

Block:- Bahadurpur

Length of the Road:- 1.440 KM.

District:- Darbhanga

GENERAL ABSTRACT OF COST

SI No.	Item of Work	Amount (in Rs.) As Per Estimate
1	EROSION CONTROL & EARTH WORK	3,39,228.58
	SUB-BASES, BASES (NON- BITUMINOUS)	2,18,362.76
	BASES AND SURFACE COURSES (BITUMINOUS)	11,41,635,42
	MISCELLANEOUS & ROAD SIGNAGE	2,38,788.28
	Repairing Cost of Road:-	19,38,015.04
	GST 12%	2,32,561.80
	Labour Cess 1%	19,380.15
	Seigniorage Fee	16,126.93
	Contigency 1%	-22,060.84
	Total cost of Project:-	Ra 22,06,084=e

Junior Engineer
Bahadurpur

Asstt. Engineer Bahadurpur

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

-lass Six thousand eighty form by

Superintending Engineer RWD, Works Circle, Darbhanga

HEAD: 3054 MR (POSTFACTO)

Year 2019-20 ABSTRACT OF QUANTITY & COST

Name of road :- Harpatti to Bankipur.

						Cons	tructed New	B.T. Road:-		1.233	KM
		der Mangarita et en statut de la compaña Amerika de Caraca de la compaña				Const	ructed New I	links Road:		0.746	KM
		Block:- Bahadurpu			1	Total Const	ructed road U	inder Mainten	ance	1.978	км
		Constructed New Links Road:- 0.74			1.090	KM					
_				Nos.		Cons	tructed Old F	PCC Road:		0.350	KM
		R.C.C. Slab Culvert :-		1 No.			Total Leng	jth:-		1.440	
lo	SOR No.	Description	No	Length	Width			Total Quar	ntity		(In Rs.)
	2	3	4	5	8			9		10	
	2.20	Clearing and Grubbing Road I	and					T			
	(1)										
		shurbs, saplings and trees of gir and unserviceable materials & s a lead of 1000m including remo	th upto 3 tacking o val and d	00mm, remova of serviceable managements	al of stumps naterials to	of such trees be used or au	cut earlier ctioned upto				
		0.00 M to 478 M	2	478.00	4.00		3824.00				-
		478 M to 810 M	2	332.00	0.60		398.40				-
		810 M to 1047 M	2	237.00	2.00		948.00				
		1047 M to 1107 M	2	60.00	4.00		480.00				1
1		Link to Kamran School Road	2	125.75	2.00		503.00				
1		Link to Fatmi's House	2	19.90	0.60		23.88				
+		Link to School More	2	39.35	0.60		47.22				<u> </u>
+			2	184.25	2.00		737.00				
1		Link Rd. SH 50 to Piprauliya	2	209.00	3.00		1254.00			•	
			2	293.15	3.00			0.997	На	46,485.2	46.366
4		- 4 Full outmont	with Ma	terial Obtainer	from Bor	row Pits					
1	3.4	Construction of embankment wit	h approv	ed material ob	ained from	borrow pits w	ith a lift	 			-
		upto 1.5 m, transporting to site, requirement of Tables 300.1 and Specification Clause 301.5	spreading 300.2 w	n orading to re	auirea siop	e and compa	sund to meet				
1		0.00 M to 478 M	2	332.00	0.60	0.30	119.52				
1		478 M to 810 M	2	237.00	1.50	0.30	213.30				-
L		810 M to 1047 M 1047 M to 1107 M	2	60.00	1.50	0.30	54.00				
H		Link to Kamran School Road	2	125.75	1.50	0.30	113.18				
H		Link to Fatmi's House	2	19.90	0.60	0.15	3.58				
+	-	Link to School More	2	39.35	0.60	0.15	7.08				
T		Link to Jogiyara Road	1	184.25	1.20	0.30	66.33				
		Link Rd. SH 50 to Piprauliya Road	2	209.00	1.50	0.30	188.10				
		Link Rd. SH 50 to Block/Kabilpur Road	2	293.15	1.50	0.30	263.84				
-		Near River	2	30.00	2.00	1.80	216.00				
		Near RCC Culvert	2	10.00	2.50	2.50	125.00	1800.13			9 2,92,862
						1	1800.13	1 180 11 1 1	CHICA	162.6	(i)) do bea

VO	SOR	Description	No	Length		Height /												
-	No.	3	4	Control of the control	Width	Thickness	Sub Quantity	Total Qua	ntity	Rate	Amount							
-		SUB-BASES, BASES (NON-		5	8	7	3	9		(in Rs.)	(In Rs.)							
\dashv			DITUMINO	USI					-	- 10	11							
-	4.1	Granular Sub Base, Gr-I																
		Construction of granular sub-	base by pro	oviding well g	raded mate	rial, spreadir	ig in uniform											
		layers with motor grader on p	orepared sur	face, mixing t	y mix in pla	ace method v	with rotavator		- 1	1								
		at OMC, and compacting with as per Technical Specification	SHIPOOLI W	IGGI TOIIBI (O S	ichieve the	desired dens	ity, complete											
		As pot area measured	T	İ														
-			+				28.945	28.945	cum	2,502.79	72,443.0							
+			ــــــــــــــــــــــــــــــــــــــ															
+	4.8	Water Bound Macadam with	Crushable S	Screenings Gr	- 3													
- 1	3	Providing, laying, spreading	and compa	cting stone a	ggregates o	of specific si	zes to water											
-1		bound macadam specification with three wheel 80-100 kN s	tatic roller in	oreading in un	iform thickn	ess, hand pa	cking, rolling			1								
1		brooming, crushable screening	ig to fill-up	the interstices	agreen in a	anaronale i	Hatoring and			1								
- 1		compacting to the required de	nsity Gradin	g 3 as per Tec	chnical Spec	cification Clau	use 405.			1								
4																		
+		As pot area measured					47.555	47.555		3,068.45	1,45,919.7							
		L			TOT	AL COST S	UB-BASES, E	BASES (NO	N- BIT	UMINOUS):-	2,18,362.7							
-																		
		1	BASES AND	SURFACE C	OURSES (BITUMINOUS	5)											
T	5.1	Prime Coat (Low Porosity)																
1		Providing and applying prime	r coat with	bitumen emul	sion on pre	nared surface	e of granular											
1		base including clearing of roa	ad surface a	and spraying p	rimer at the	e rate of (0.7	0 - 1.00 Kg)			1 1								
+		0.85 kg/sqm using mechanica	means.															
+		For WBM Portion		47.555	1	0.075	634.07	634.07	cam	38.32	24,297							
+							634.07	634.07	sqm	30.02								
+	5.2	Tack Coat	1															
+			ant with hit	um on amulaiou	n using omi	ileian pressu	re distributor											
	(,	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface tretaed with Primer																
1		and clened with hydriloc broom								1								
1																		
		Area from measurement shee	t				5609.69											
+		As Mix Seal Surface				Total	5609.69	5609.69	sqm	13.03	73,094							
+	ta nice		+															
$^{+}$			-							ļ	ļ							
\top										•								
	5.11	Patch work over WBM using	Mix Seal S	urface for Bit	uminous a	nd Existing	cc											
1		Pavement																
+	-	Providing, laying and rolling of	close-grade	ed premix surfa	acing mater	ial of 20 mm	thickness				ł							
1	- 1	companded of 11.2 mm to 0.9 i	mm (type-A)	or 13.2 mm to	0.9 mm I	vpe-B) aggre	gates using		1	1								
1	- 1	penetration grade bitumen to r previously prepared base, incl	equired line	, grade and lev	nlant lavino	as wearing or	with a three											
1		previously prepared base, included wheel 80-100 kN static roller controller c	anacity, finis	shed to require	ed level and	grades as pe	er Technical		1									
	- 1	Specification Clause 509.	аразлу,															
+	-	Area from measurement sheet			2000		5609.69			1	1							
1		As Mix Seal Surface				Tatal	5609.69	5609.69	0000	186.15	10,44,24							
1						Total	3609.69	5003.03	Sqift	100.10	10,74,24							
\vdash			ليحسيا				TOTA	L COST R	TUM	NOUS Items:	11,41,63							
-						1.11.11.1												
					EOUS & R	OAD SIGNA	GE											
				MISCELLAN					Г	T	1							
			d and Main!		Tenning Sign Board and Maintenance Board:-Providing and fixing of typical MR													
		Providing and Fixing Sign Boal	rd and Maint	tenance Board	:-Providing	and fixing of rawing. Thre	e MS Plates			1								
	į,	informatory sign board with Lo	go as per M e plate dulv	tenance Board ORD specifications welded with M	:-Providing tions and d	25mm x 5m s	size on back											
		informatory sign board with Lo	go as per M e plate duly e welded wi	enance Board ORD specifications welded with MS angle in	:-Providing itions and d IS flat iron 2 on frame of	25mm x 5m s 25mm x 25r	size on back											
		informatory sign board with Lo of 1.6 mm thick, top and middl on edges.The lower plate will b	go as per Mi e plate duly e welded wi	enance Board ORD specifica welded with M th MS angle in st plate and fl	:-Providing itions and d IS flat iron 2 on frame of at iron fram	25mm x 5m s 25mm x 25r 25mm x 25r e of middle p	size on back nm x											
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges.The lower plate will be 5mm.The angle iron frame of the	go as per Mo e plate duly e welded wi he lower mo m of 12 SW	tenance Board ORD specifica welded with M th MS angle in st plate and fla	I:-Providing itions and d IS flat iron a on frame of at iron fram sposts duly	25mm x 5m s 25mm x 25r e of middle p embedded ir	size on back mm x plate will be n cement											
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges. The lower plate will b 5mm. The angle iron frame of the welded to 2 nos. 75mm x 75 welded to 2 nos. 75mm x 75 mm	go as per Mi e plate duly e welded with he lower mo m of 12 SW 450mm x 45	tenance Board ORD specifica welded with M th MS angle in st plate and flate G sheet tubes	e:-Providing tions and d IS flat iron a on frame of at iron frame posts duly m, 600mm	25mm x 5m s 25mm x 25r 25mm x 25r e of middle p embedded ir below groun	size on back mm x plate will be n cement d level. The	2.00	each	8840.45	17680							
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges. The lower plate will b 5mm. The angle iron frame of the welded to 2 nos. 75mm x 75 m concrete M-15 grade blocks of	go as per Mi e plate duly e welded wil he lower mo m of 12 SW 450mm x 45	tenance Board ORD specifica welded with M th MS angle in st plate and fli G sheet tubes 50mm x 600m	ti-Providing tions and d IS flat iron 2 on frame of at iron frame posts duly m, 600mm	25mm x 5m s 25mm x 25r e of middle p embedded ir below groun 7mm of 12 S	size on back mm x plate will be n cement d level. The WG steel	2.00	each	8840.45	17680							
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges. The lower plate will be 5mm. The angle iron frame of the welded to 2 nos. 75mm x 75 m concrete M-15 grade blocks of top most diamond plate will be	go as per Mi e plate duly e welded wil he lower mo m of 12 SW 450mm x 45 welded to m	tenance Board ORD specifica welded with M th MS angle in st plate and fl: G sheet tubes 50mm x 600m hiddle plate by	:-Providing tions and d IS flat iron 2 on frame of at iron fram s posts duly m, 600mm 47mm x 4 s. Lettering	25mm x 5m s 25mm x 25r e of middle p embedded ir below groun 7mm of 12 S and printing	size on back mm x plate will be n cement d level. The WG steel arrows,	2.00	each	8840.45	17680							
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges. The lower plate will be 5mm. The angle iron frame of the welded to 2 nos. 75mm x 75 m concrete M-15 grade blocks of top most diamond plate will be plate tube. All M.S. will be stoy	go as per Mi e plate duly e welded wil he lower mo m of 12 SW 450mm x 45 welded to mi we enameled	tenance Board ORD specifica welded with M th MS angle in st plate and fli G sheet tubes 50mm x 600m hiddle plate by t on both sides	:-Providing tions and d IS flat iron a on frame of at iron fram s posts duly m, 600mm 47mm x 4 s. Lettering	25mm x 5m s 25mm x 25r e of middle p embedded in below groun 7mm of 12 S and printing of superior que	size on back mm x plate will be n cement d level. The WG steel arrows, pality in	2.00	each	8840.45	17680							
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges. The lower plate will be form. The angle iron frame of the welded to 2 nos. 75mm x 75 m concrete M-15 grade blocks of top most diamond plate will be plate tube. All M.S. will be stoy border etc. will be painted with	go as per Mi e plate duly e welded wil he lower mo m of 12 SW 450mm x 45 welded to m we enameled ready mixed	tenance Board ORD specifica welded with M th MS angle in st plate and fli G sheet tubes 50mm x 600m hiddle plate by t on both sides I synthetic ena	:-Providing tions and d IS flat iron a on frame of at iron frame s posts duly m, 600mm 47mm x 4: s. Lettering amel paint c and steel tu	25mm x 5m s 25mm x 25m 25mm x 25m e of middle p embedded in below groun 7mm of 12 S and printing of superior qu be will be pa	size on back mm x blate will be n cement d level. The WG steel arrows, pality in inted with	2.00	each	8840.45	17680							
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges. The lower plate will be 5mm. The angle iron frame of the welded to 2 nos. 75mm x 75 m concrete M-15 grade blocks of top most diamond plate will be plate tube. All M.S. will be stoy	go as per Mi e plate duly e welded wil he lower mo m of 12 SW 450mm x 45 welded to m we enameled ready mixed	tenance Board ORD specifica welded with M th MS angle in st plate and fli G sheet tubes 50mm x 600m hiddle plate by t on both sides I synthetic ena	:-Providing tions and d IS flat iron a on frame of at iron frame s posts duly m, 600mm 47mm x 4: s. Lettering amel paint c and steel tu	25mm x 5m s 25mm x 25m 25mm x 25m e of middle p embedded in below groun 7mm of 12 S and printing of superior qu be will be pa	size on back mm x blate will be n cement d level. The WG steel arrows, pality in inted with	2.00	each	8840.45	17680							
		informatory sign board with Lo- of 1.6 mm thick, top and middle on edges. The lower plate will be form. The angle iron frame of the welded to 2 nos. 75mm x 75 m concrete M-15 grade blocks of top most diamond plate will be plate tube. All M.S. will be stoy border etc. will be painted with	go as per Mi e plate duly e welded wil he lower mo m of 12 SW 450mm x 45 welded to m we enameled ready mixed	tenance Board ORD specifica welded with M th MS angle in st plate and fli G sheet tubes 50mm x 600m hiddle plate by t on both sides I synthetic ena	:-Providing tions and d IS flat iron a on frame of at iron frame s posts duly m, 600mm 47mm x 4: s. Lettering amel paint c and steel tu	25mm x 5m s 25mm x 25m 25mm x 25m e of middle p embedded in below groun 7mm of 12 S and printing of superior qu be will be pa	size on back mm x blate will be n cement d level. The WG steel arrows, pality in inted with	2.00	each	8840.45	17680							

C1150 Destination

No	SOR	Description	No	Length	Width	Height / Thickness	Sub Quantity	Total Qua	intity	Rate (in Rs.)	Amount (In Rs.)
	No.		4	5	8	7	8	9		10	- 11
	8.13 803	Road marking with Hot Applie Beads on bituminous Surface compound 2.5 mm thick includir thickness of 2.5 mm is exclusiv surface to be level ,uniform and	:- Providir ng feflector	ising glass be applied glas	ads @ 250 s beads as	ams per san	n area				
-		1st KM & 2nd Km (Part)	2	1107.000	0.10		221.40				
-		Link to Kamran School Road	2	125.750	0.10		25.15				
٦		Fatmi's Gali	2	19.900	0.10		3.98				
		School Gall More	2	39.350	0.10		7.87				
		Jogiyara Road	2	184.250	0.10		36.85				
		Mixes	10	5.000	0.10		5.00				
1			-	1476.250			300.25	300.25	Sqm	668.58	2,00,740.92
	12.1	Brick masonry work in cement plastering, as per drawing and	mortar (1;4 technical s	l) in substructo pecification Cl	ure complete auses 602,	e excepting p 603, 604, 12	pointing and 02 & 1204				
		RCC Return Wall	2	7.30	0.25	0.30	1.10	,			
1							1.10	1.10	cum	5109.82	5,595.25
1	12.3	Dia da si anni anni anni anni							-		
	12.3	Plastering with CM 1:4 Plastering with cement mortar technical specification Clauses	(1:4), 15 m	nm thick on bri	ckwork in st	ubstructure a	s per				
+	W-17	RCC Parapet	2		0.55		8.03		<u> </u>		
+	_			7.300	0.55	1	8.03	8.03	sqm	146.20	1,174.01
+			-		 	 	1 0.00				
†	10.7	Painting on concrete /Steel s	urfaces w	ith Epoxy	1	-					
		Painting two coats including pr steel surfaces after thruogh cle technical specification Clause	ime coat v	vith epoxy pair	nt of approve	ed brand on o	concrete / wing and				
+		1001 mm dia HP Culvert	2	6.150	0.40		4.92				1
+			2	6.150	-		1.85	5			
t			2	6.150			3.08	3			
+			2	6.150	U.4	0	4.93	2	•		
†			4	0.40	0.5	0	0.8	0			
$^{+}$		RCC Culvert	2	7.20	100		3.6	0			
$^{+}$			2	7.20	0.7	5	10.8	0			
+			4	0.25	0.7	5	0.7	5			
$^{+}$							30.7	1 30.	71 sqm	131	.22 4,029.
T			1 460		o truncks			-	-		
L		White washing of parapet wa White washing two coats on	navanat u	work and tree	truncks in	cludina pre	paration of	-		-	
		White washing two coats on surface by cleaning scraping	etc. as p	er technical	specification	ons Clause	1915.				
1		Trees / Electric Poles	250	1.50	0.8	80	300.				
T					<u> </u>		300.	00 300	.00 sqi	m 3	1.89 9,567
						TOTAL COS	ST OF MISCE	LLANEO	IS & D	OAD SIGNA	3E:- 23878

A-103.202

Junior Engineer Bahadurpur Asstt. Engineer

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

Analysis of Rates for Segniorage Tee

2.700 KM

Name of road :- Harpatti to Bankipur.

Length of the Road:
Block :- Bahadurpur

						T				-			_	2	_												<u>s</u> s
\dagger	1	1	1		-	(a)	-	-	(ii)	_				4.1											3.14	No.	SDB
1 6	2	2.3	9.5	53	W	3	17.	U		(0)	0	_	_	401					a)						303.1	No.	MORD Ref
COST OF COST OF THE PARTY OF TH	Cost for 300 cum = A	2.36 mm below @ 30 per cent	9.5 mm to 2.36 mm @ 20 per cent	53 mm to 9.5 mm @ 50 per cent	Well graded granular sub-base material as per Table 400.1	Material	Taking output = 300 cum	Unit = cum	For Grading I Material	Specification Clause 401.	compacting with smooth wheel roller to achieve the desired density, complete as per lechnical	motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and	Construction of granular sub-base by providing well graded material, spreading in uniform layers with	Granular Sub Base, Gr -I		Rate per cum = (a) / 100	Cost for 100 cum = a	Compensation for earth taken from private land	Material	Taking output = 100 cum	Unit = cum	300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables	Construction of embankment with approved material obtained from borrow pits with a lift	Construction of Embankment with Material Obtained from Borrow Pits		Description
		cum	cum	cum	10.1	<u>}</u>					sired densit	method wi	ed material,					cum				al Specificat	and compac	ined from b	Borrow Pit		Unit
		108.00	72.00	180.00	1						y, complete	th rotavator	spreading i		•			100.00				ion Clause	sting to mee	orrow pits w	S		Quantity
		185.94	41	0							as per l'ech	at OMC, ar	n uniform la		Total Cost			23.78				301.5	t requiremen	ith a lift upto			Rate
475 3296	1,42,598.88		T			1					inical	. ā	yers with	15	23.78	23.78	2378.00	2378.00					it of Tables	upto 1.5 m,			Amount
	88	52	/6	00		1	+								1800.125												Total Material Oty Required
28.945 137	_			+	-	+				+	-				3 42000.37	T											Total Amount
13758.42			-				+	1	+	-				-		07 08CA 70	1	+	1	+	+						Seigniorage Fee

		1													4				T					1	1	1		_			ω		ĕ.	<u>:</u>
															5.11																3 (3-A)	No.	2	SDB
		2	a)			1		(B)							509								a)			(A)						Ž.	2 3	MORD
Cost for 4000 sqm = a	com per 10 som	Stone Crushed aggregates, 13.2mm to 0.09 mm @ 0.27	Material	Taking output - 4000 squi (oo can)	Ollif- odli	Init som	(i) Bitumen (S-90)	By Mechanical Means	ledalled least all a	required level and grades as per Technical Specification Clause 509	mixing in a suitable plant, laying and rolling with a true wheel our layers.	to required line, grade and level to serve as wearing course on a provider in the capacity, finished	11.2 mm to 0.9 mm (type-A) or 13.2 mm to 0.9 mm (type-b) agging come praying ly prepared base, including	Providing, laying and rolling of close-graded premix surfacing material of 20 min sing penetration grade bitumen	Mix Seal Surfacing	Rate per cum = (A) / 360	Cost for 360 cum = A	cum per 10 sqm	Stone Screening - Type B 11.2 mm for Grading-3 @ 0.18	for compacted thickness of 75 mm	Grading 3 53 mm to 22.4 mm @ 0.91 cum per 10 sqm		Material (Refer Tables 400.7, 8, 9 and 10)	Taking output = 360 cum	Unit = cum	By Machenical Means	Grading 3 as per Technical Specification Clause 403.	screening to fill-up the interstices of coarse aggregate, watering and compositions	80-100 kN static roller in stages to proper grade and camber, applying and proprintly, classically	Providing, laying, spreading and complete in uniform thickness, hand packing, rolling with three macadam specification including spreading in uniform thickness, hand packing, rolling with three	Water Bound Macadam with Crusnable Scientings of Specific sizes to water bound	The Company of the Co		Description
sqm		Cum								Clause ou	Wileel ou-	inservit a pr	erb) aggreg	acing mater		Cuiti			cum	T	cum							iteling and	per, applyin	kness, han	ates of spe			Unit
	+									9	00 104 01011	on kN static	evicus ocup	iates lising	dal of on mi	-	+	1	00.40	000 4	400.0	125 60	1					Compagnia	g and broo	id packing,	cific sizes			Quantity
1		-	108 470			-	-					roller capa	epared base	nenetration	n thickness	1				0 345.50		0 458 22	1	1					to the requ	rolling with t	to water bou			Rate
12.69	E0764	377115	0.04 50764.32									city, finished	, including	grade bitume	composed of		637.371	2,29,453.56		29.852.93		1.99.600.63	1						iired density	three wheel				Amount
12.69 5609.69	3		12									ō		2			47.555	0)		3		Ψ.												Oty Required
69 71193.02	+				-					-	_						30310.10																	Amount
3.02 7119.30		- 10-			1												3031.01																	Fee

12.1 Junior Engineer Coarse Sand Material specification Clauses 613.4 & 1204 Unit = 10 sqm Taking output = 10 sqm Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical Plastering with CM 1:4 Rate per cum = (A) Brick 1st class Unit = cum drawing and technical specification Clauses 602, 603, 604, 1202 & 1204 Brick masonry work in cement mortar in substructure complete excepting pointing and plastering, as per Brick masonary work in cement mortar Cost for 1 cum = A Course Sand Material cum No. cum Asstt. Engineer 0.24 0.24 500 5.24 150.80 150.80 36.19 2657.69 2657.69 2621.50 36.192 1.10 8.03 Executive Engineer Total 290.62176 2910.17 16126.93 291.02 29.06

No. <u>s</u>

No.

SDB MORD
SI Ref

Description

Unit

Quantity

Rate

Amount

Total Material

Qty Required

Amount Total

Seigniorage Fee

Bahadurpur

Bahadurpur

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