कार्यपालक अभियन्ता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढ़ी।

पत्रांक– 588 (हाई) ..... मसौढी, दिनांक 05/09/2024.....

प्रेषक,

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढी।

सेवा में,

नोडल पदाधिकारी,
New Maintenance Policy 2018
ग्रामीण कार्य विभाग,
बिहार, पटना।

विषयः– New Maintenance Policy 2018 के तहत चल रहे कार्यो हेतु अधियाचना के संबंध में ।

महाशय,

उपर्युक्त विषय के संबंध में इस प्रमण्डल के अंतर्गत New Maintenance Policy 2018 के कार्य हेतु विहित प्रपत्र में पथ–वार निधि की अधियाचना की गई है जिसकी कुल राशि 24,47,199/– रुपये है ।

अतः विषयांकित मद में इस प्रमण्डल अन्तर्गत कुल 24,47,199/–(चौबीस लाख सैंतालीस हजार एक सौ निनानवे रुपये) मात्र का आवंटन करने की कृपा की जाये ।

विश्वासभाजन

अनु०– यथोक्त।

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढ़ी।
05/09/2024

Requisition Formate for Scheme Head - MR (3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

Division : Masaurhi

Road Details				AA Details					Agreement Details				Actual Completion Date DD/MM/YY	Value of IRI (in MM/Km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Allotment Year /Last	Expenditure (Lac)	Value of Measurement (in Lacs)	Current Demand (in Lacs) (20-21)	Remark
Sl No.	Road Name	Batch No	Project ID	Main Work Amount	Maintenance Amount	Total Amount	Total Length	AA Date	Main Work Amount	Maintenance Amount	Date Of Completion	Ref.No.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1	MUSNAPAR MASAURHI PATH - MADHAULI (BR-20-2651)	MAUR/MASU/000005	0310904[illegible]13	36.76	17.368	68.804	1.72	24-Jun-19	49.44478	16.43684	1-Aug-20	Supp 14/SBD/19-2020		5.490380	25mm	5%	38.24709	38.24709	38.96657	0.60887	On-going
2	MUSNAPAR MASAURHI PATH - SEVDAHA (BR-20-[illegible])	MAUR/MASU/000015	0310904[illegible]47	10.910	4.02	21.0288	0.47	24-Jun-19	10.15400	3.38885	1-Aug-20	14/SBD/19-2020		3.1323	25mm	5%	8.64170	8.64170	9.05159	0.45989	On-going
3	NADAWAN GIYARA - KASHINAGAR (BR-20R-240)	MAUR/MASU/000003	0310904[illegible]09	46.22	18.333	67.22	1.53	24-Jun-19	43.33130	13.9298	1-Aug-20	Supp 14/SBD/19-2020		3.332736	25mm	5%	16.77800	16.77800	43.43119	1.43739	On-going
4	Apne Road to Bhetpuraan (BR26011)	MAUR/MASU/000003	0310904[illegible]18	40.005	15.448	80.5410	1.5	24-Jun-19	34.69204	13.15837	1-Aug-20	Supp 14/SBD/19-2020		3.408667	25mm	5%	11.71000	11.71000	30.45118	18.64716	On-going
	Total			149.133	55.159	237.2052	5.49		136.62229	47.34386							115.4327	115.4327	129.96660	24.47789	

1. Signed Hard Copy and Soft copy (in Excel) of recorded IRI is Enclosed
2. Up to Date Physical Progress has been Uploaded in MIS

09.09.2021
DAO
R.W.D., Works
Division Masaurhi

EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, MASAURHI
09/09/2021

PACKAGE NO. : MR-N/19-20/MASAURHI/01

NAME OF THE ROAD : MUSNAPAR MASAURHI PATH TO MANJHAULI

LENGTH OF THE ROAD : 1.790 KM

DIVISION : MASAURHI

BLOCK : DHANARUA

AGENCY : PATLIPUTRA INFRA CONSTRUCTION PVT. LTD.

Date	Time	Section	Length	Bumps	Speed	QR	QIV	CATEGORY	IRI	Latitude	Longitude	Event			
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD				Normal	Y = 0 * X ^ 2 + 0.936 * X + 2284		
8/ 5/ 21	8: 46: 0	89	0.1	200	0	2000	2150	G	2.99	25.35635	85.11847	Normal	X = 2556		
8/ 5/ 21	8: 46: 10	89	0.1	200	30.3	2000	2150	G	2.99	25.35733	85.118568	Normal	Y = 2670		
8/ 5/ 21	8: 46: 20	89	0.1	160	30.3	1600	1770	G	2.52	25.35822	85.118667	Curve			
8/ 5/ 21	8: 46: 35	89	0.1	200	20.2	2000	2150	G	2.99	25.35866	85.11936	Normal	(R) RURAL ROAD		
8/ 5/ 21	8: 47: 45	89	0.1	280	30.3	2800	2899	G	3.9	25.35941	85.11978	Normal	Good	Average	Poor
8/ 5/ 21	8: 48: 20	89	0.1	260	30.3	2600	2712	G	3.68	25.36023	85.1201	Speed Breaker	<4000	4001-5000	>5001
8/ 5/ 21	8: 49: 0	89	0.1	300	10.1	3000	3086	G	4.13	25.36083	85.120773	Curve			
8/ 5/ 21	8: 50: 16	89	0.1	310	20.2	3100	3160	G	4.24	25.36149	85.121328	Normal			
8/ 5/ 21	8: 51: 0	89	0.1	310	30.3	3100	3160	G	4.24	25.36111	85.122238	Normal			
8/ 5/ 21	8: 51: 17	89	0.1	280	30.3	2800	2848	G	4.79	25.36094	85.123188	Normal			
8/ 5/ 21	8: 51: 37	89	0.1	190	30.3	1900	2058	G	2.87	25.36041	85.123938	Normal			
8/ 5/ 21	8: 51: 57	89	0.1	190	30.3	1900	2058	G	2.87	25.35996	85.124813	Normal			
8/ 5/ 21	8: 52: 10	89	0.1	170	30.3	1700	1869	G	2.64	25.35956	85.125655	Curve			
8/ 5/ 21	8: 52: 30	89	0.1	180	20.2	1800	1963	G	2.76	25.35886	85.126312	Normal			
8/ 5/ 21	8: 52: 50	89	0.1	210	30.3	2100	2244	G	3.11	25.35845	85.12707	Normal			
8/ 5/ 21	8: 54: 13	89	0.1	300	30.3	3000	3086	G	4.13	25.35801	85.126278	Normal			
8/ 5/ 21	8: 55: 0	89	0.1	320	30.3	3200	3273	G	4.35	25.35804	85.12648	Normal			
8/ 5/ 21	8: 55: 24	89	0.09	230	30.3	2556	2670	G	3.63	25.35806	85.127238	Normal			
TOTAL			1.79	4370	464.6	43956	46148		62.83	456.4659	1532.210286				
AVERAGE						2442	2563.778		3.490556						

8/5/21
Assistant Engineer
R.W.D. Sub-Division, Dhanarua

8/5/21
Executive Engineer
R.W.D. Works Div. Masaurhi

Sisco Analyzer

Name of Customer : PATLIPUTRA INFRA CONST PVT LTD

Name of Work/ Road : MUSNAPAR MASAURHI PATH

Lab Job number :

Date : 03-05-2021

Section No : 89

Test Date : 03-05-2021 Road Name : MUSNAPAR MASAURHI PATH

Machine No : Road Type : (B) RURAL ROAD

Start S No : Side :

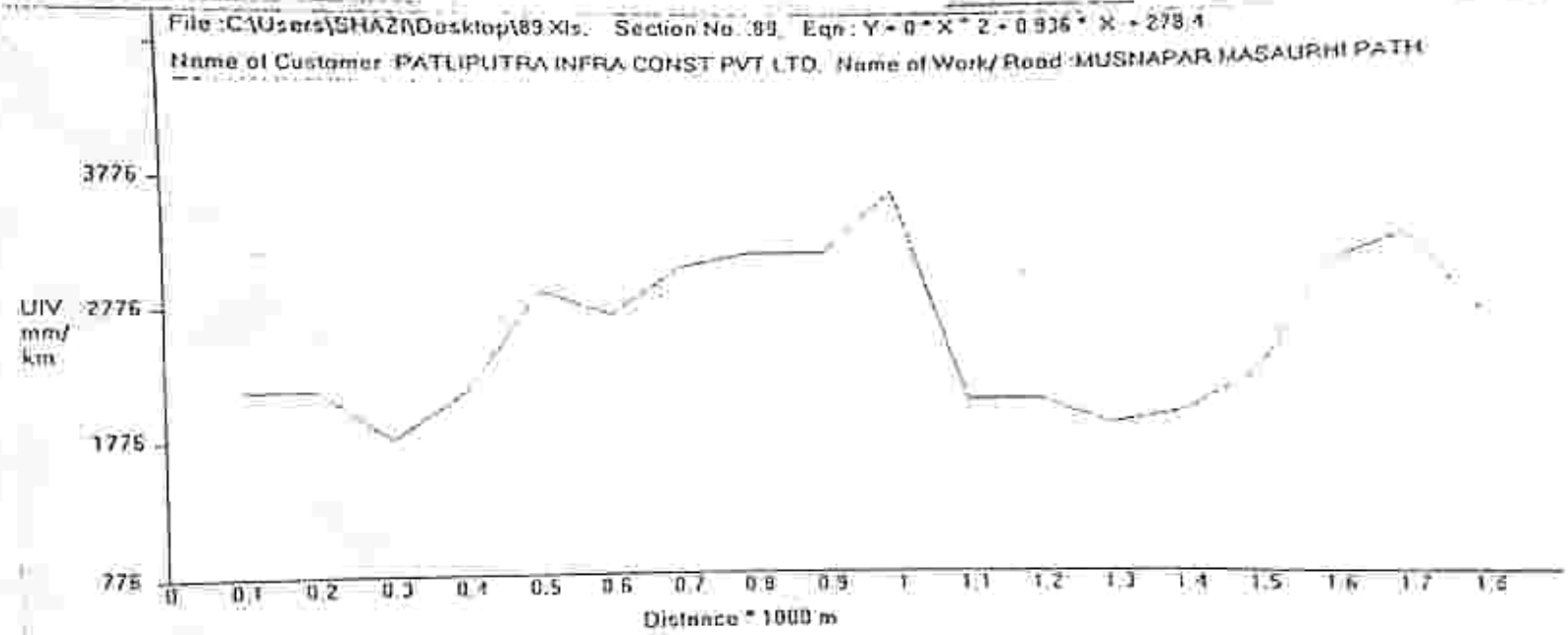
Start E No : Interval

Weather : UIV Range : 775 To 3776 100 mm/km

Start Location : Dist Range : 0 To 1.9 0.1 * 1000 m

End Location : Equation : Y = 0 * X ^ 2 + 0.936 * X + 278.4

Print | Generate Report and Graph | Redraw Graph | Map View



Executive Engineer
R.W.D. Works Div. Masaurhi

NAME OF THE ROAD : MUSNAPAR MASAURHI PATH TO SEWDHA LENGTH OF THE ROAD : 0.40 KM PACKAGE NO. : MR-N/19-20/MASAURHI/01

DIVISION : MASAURHI BLOCK : DHANARUA AGENCY : PATLIPUTRA INFRA CONSTRUCTION PVT LTD

Date	Time	Section	Length	Bumps	Speed	QR	UIV	CATEGORY	IRI	Latitude	Longitude	Event			
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD					Y = 0 * X ^ 2 + 0.936 * X + 278.4		
8/ 5/ 21	9: 31: 0	90	0.1	230	0	2300	2431	G	3.34	25.39628	85.15707	Normal	X = 2700		
8/ 5/ 21	9: 31: 23	90	0.1	170	30.3	1700	1869	G	2.64	25.396528	85.156127	Normal	Y = 2805		
8/ 5/ 21	9: 31: 53	90	0.1	180	30.3	1800	1963	G	2.76	25.396698	85.15512	Normal			
8/ 5/ 21	9: 32: 20	90	0.1	270	30.3	2700	2805	G	3.79	25.39693	85.154123	Normal	(R) RURAL ROAD		
TOTAL			0.4	850	90.9	8500	9068		12.53	101.586436	340.62244		Good	Average	Poor
AVERAGE						2125	2267		3.1325				<4000	4001-5000	>5001

8/5/21
Assistant Engineer
R.W.D. Sub-Division, Dhanarua

8/5/21
Executive Engineer
R.W.D. Works Div. Masaurhi

Name of Contractor

Construction / Repair of road

Name of Work/ Road: MUSNAPAR MASAURHI PATH

Lab Job number

Date: 05-05-2021

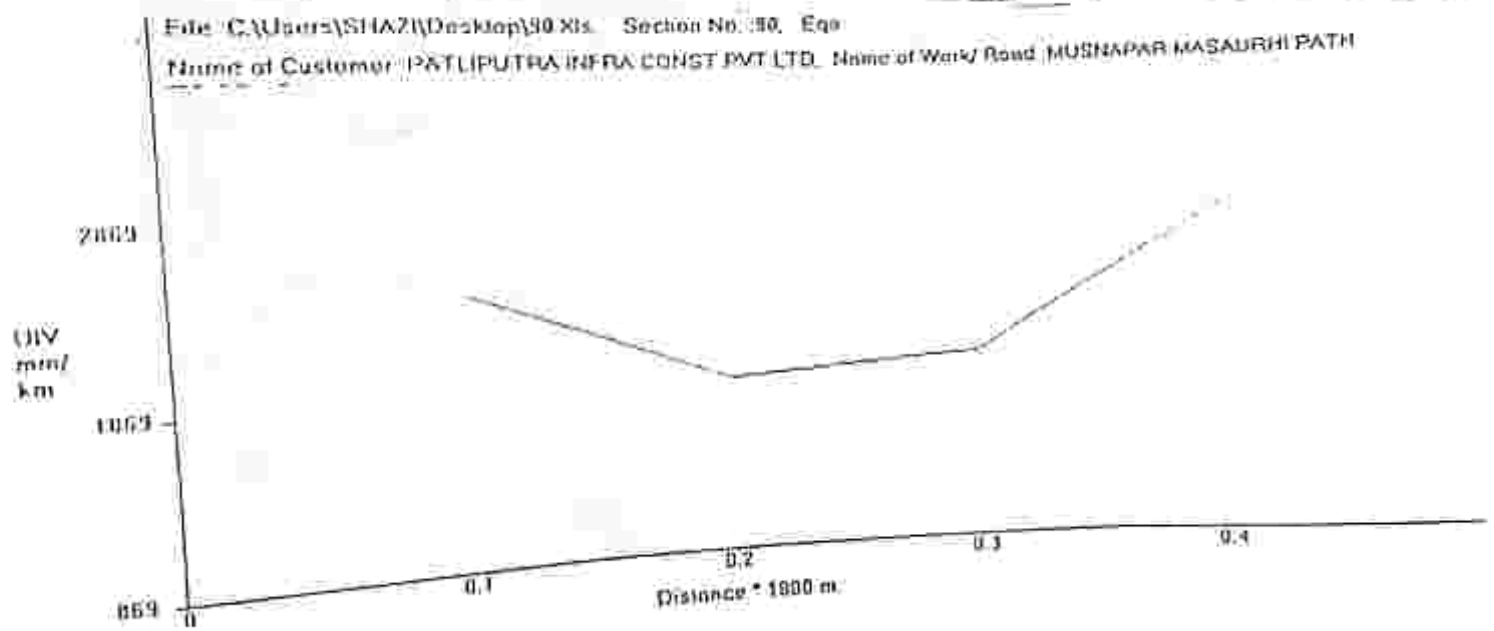
Section No.: 93

Test Date	05-05-2021	Road Name :					
Machine No :		Road Type :	(R) RURAL ROAD				
Start S No :		Side :					
Start E No :						Interval	
Weather :		UIV Range :	869	To	2000	1000	mm/km
Start Location :		Dist Range :	0	To	0.4	0.1	* 1000 m
End Location :		Equation :					

Print | Generate Report and Graph | Redraw Graph | Map View

File: C:\Users\SHAZI\Desktop\93.xls Section No.: 93, Equ

Name of Customer: PATLIPUTRA INFRA CONST PVT LTD. Name of Work/ Road: MUSNAPAR MASAURHI PATH



Executive Engineer
R.W.D. Works Div. Masaurhi

NAME OF THE ROAD : NADAWAN DIYARA ROAD TO KASHINAGAR

LENGTH OF THE ROAD : 1.730 KM

PACKAGE NO. : MR-N/19-20/MASAURHI/01

DIVISION : MASAURHI

BLOCK : DHANARUA

AGENCY : PATLIPUTRA INFRA CONSTRUCTION PVT LTD

Date	Time	Section	Length	Bumps	Speed	OR	UIV	CATEGORY	IRI	Latitude	Longitude	Event			
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD							
8/ 5/ 21	9: 59: 0	92	0.1	220	0	2200	2337	G	3.22	25.426357	85.136127	Normal	Y = 0 * X * 2 + 0.936 * X + 278.4		
8/ 5/ 21	9: 59: 10	92	0.1	210	30.3	2100	2244	G	3.11	25.42722	85.136328	Normal	X = 3100		
8/ 5/ 21	9: 59: 20	92	0.1	200	30.3	2000	2150	G	2.99	25.428113	85.13677	Normal	Y = 3180		
8/ 5/ 21	9: 59: 30	92	0.1	260	30.3	2600	2712	G	3.68	25.429	85.137053	Normal			
8/ 5/ 21	9: 59: 40	92	0.1	210	20.2	2100	2244	G	3.11	25.429872	85.137288	Curve	(R) RURAL ROAD		
8/ 5/ 21	9: 59: 50	92	0.1	250	30.3	2500	2618	G	3.56	25.43018	85.136347	Normal	Good	Average	Poor
8/ 5/ 21	10: 0: 5	92	0.1	250	30.3	2500	2618	G	3.56	25.430598	85.135487	Normal	<4000	4001-5000	>5001
8/ 5/ 21	10: 0: 15	92	0.1	220	30.3	2200	2337	G	3.22	25.430985	85.134477	Normal			
8/ 5/ 21	10: 0: 25	92	0.1	200	30.3	2000	2150	G	2.99	25.43146	85.133635	Normal			
8/ 5/ 21	10: 0: 41	92	0.1	310	30.3	3100	3180	G	4.24	25.431893	85.13281	Culvert			
8/ 5/ 21	10: 0: 51	92	0.1	220	30.3	2200	2337	G	3.22	25.432277	85.131835	Normal			
8/ 5/ 21	10: 1: 0	92	0.1	200	30.3	2000	2150	G	2.99	25.432645	85.130958	Normal			
8/ 5/ 21	10: 1: 16	92	0.1	200	30.3	2000	2150	G	2.99	25.433002	85.13003	Normal			
8/ 5/ 21	10: 1: 36	92	0.1	200	20.2	2000	2150	G	2.99	25.433432	85.129275	Curve			
8/ 5/ 21	10: 1: 51	92	0.1	280	10.1	2800	2899	G	3.9	25.434202	85.129393	Speed Breaker			
8/ 5/ 21	10: 2: 0	92	0.1	200	30.3	2000	2150	G	2.99	25.434555	85.128502	Normal			
8/ 5/ 21	10: 2: 30	92	0.1	200	30.3	2000	2150	G	2.99	25.434293	85.127457	Normal			
8/ 5/ 21	10: 2: 47	92	0.03	310	30.3	3100	3180	G	4.24	25.433705	85.126885	Normal			
TOTAL			1.73	4140	474.7	41400	43756		59.99	457.76379	1532.390657				
AVERAGE						2300	2430.889		3.332778						

8/5/21

Executive Engineer

8/5/21

Executive Engineer
R.W.D. Works Div. Masaurhi

Steco Analyser

Name of Customer : PATLIPUTRA INFRA CONST

Name of Work/ Road : NADAWAN DIYARA ROAD TO

Lab Job number :

Date : 08-05-2021

Section No : 92

Test Date : 08-05-2021 | Road Name : NADAWAN DIYARA ROAD TO KASHI ROAD

Machine No : 1 | Road Type : (R) RURAL ROAD

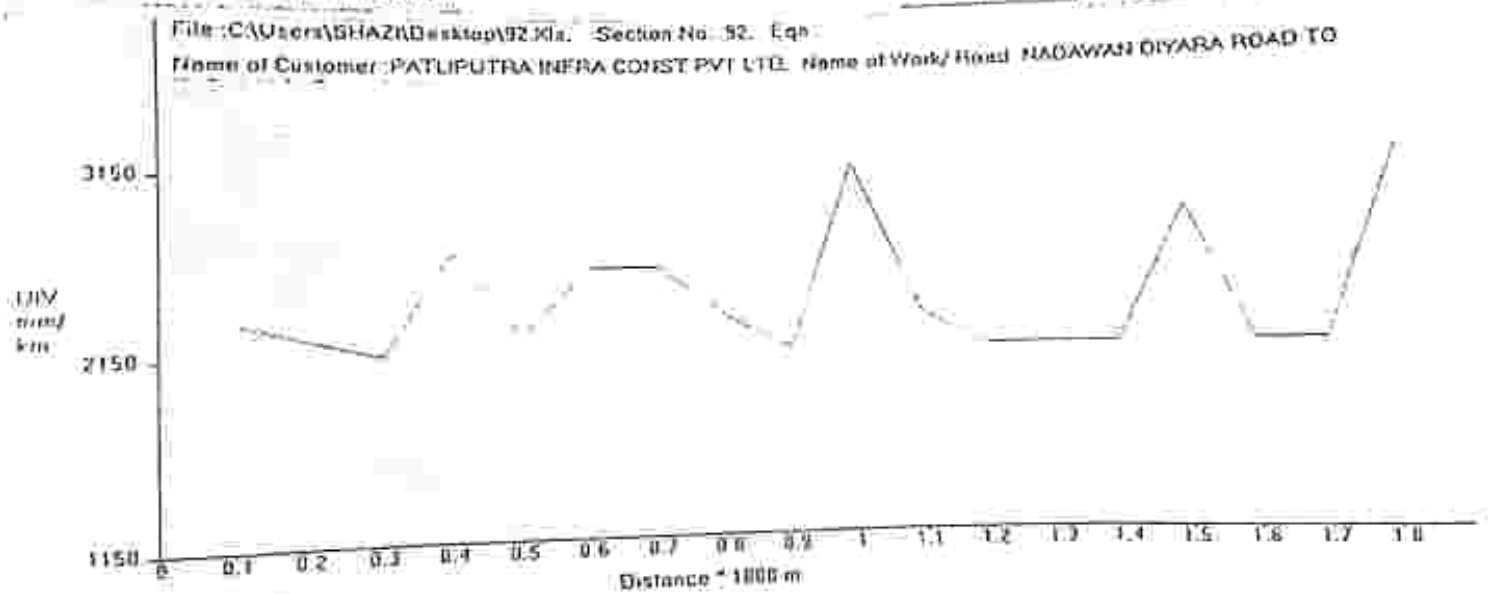
Start S No : | Side : | Interval

Start E No : | UIV Range : 1150 To 4000 1000 mm/km

Weather : | Dist Range : 0 To 19 0 * 1000 m

Start Location : | End Location : | Equation :

Print | Generate Report and Graph | Redraw Graph | Map View



APM
8/5/21
Executive Engineer
R.W.D. Works Div. Masaurhi

PACKAGE NO. : MR-N/19-20/MASAURHI/01

NAME OF THE ROAD : SPM ROAD TO BHERGAWAN

LENGTH OF THE ROAD : 1.50 KM

DIVISION : MASAURHI

BLOCK : DHANARUA

AGENCY : PATLIPUTRA INFRA CONSTRUCTION PVT LTD

Date	Time	Section	Length	Bumps	Speed	QR	QIV	CATEGORY	IRI	Latitude	Longitude	Event			
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD				Curve	Y = 0 * X ^ 2 + 0.016 * X +		
8/ 5/ 21	11: 46: 20	95	0.1	270	0	2700	2805	G	3.79	25.350772	85.91665	Normal	X = 2600		
8/ 5/ 21	11: 46: 40	95	0.1	190	30.3	1900	2056	G	2.87	25.350335	85.92542	Normal	Y = 2712		
8/ 5/ 21	11: 47: 0	95	0.1	180	30.3	1800	1963	G	2.76	25.34977	85.93232	Normal			
8/ 5/ 21	11: 47: 20	95	0.1	160	30.3	1800	1963	G	2.76	25.348837	85.93198	Culvert	(R) RURAL ROAD		
8/ 5/ 21	11: 47: 40	95	0.1	290	20.2	2900	2992	G	4.01	25.348003	85.92945	Normal	Good	Average	Poor
8/ 5/ 21	11: 48: 6	95	0.1	270	30.3	2700	2805	G	3.79	25.347572	85.92137	Normal	<4000	4001-5000	>500
8/ 5/ 21	11: 48: 26	95	0.1	240	30.3	2400	2524	G	3.45	25.346645	85.92037	Curve			
8/ 5/ 21	11: 48: 36	95	0.1	230	20.2	2300	2431	G	3.34	25.34587	85.92153	Normal			
8/ 5/ 21	11: 48: 51	95	0.1	210	30.3	2100	2244	G	3.11	25.345427	85.9276	Normal			
8/ 5/ 21	11: 49: 11	95	0.1	190	30.3	1900	2056	G	2.87	25.344445	85.92677	Speed Breaker			
8/ 5/ 21	11: 49: 30	95	0.1	250	10.1	2500	2618	G	3.56	25.343475	85.92558	Curve			
8/ 5/ 21	11: 49: 46	95	0.1	270	20.2	2700	2805	G	3.79	25.342635	85.92642	Normal			
8/ 5/ 21	11: 50: 10	95	0.1	280	30.3	2800	2899	G	3.9	25.34182	85.9271	Normal			
8/ 5/ 21	11: 50: 27	95	0.1	240	30.3	2400	2524	G	3.45	25.34094	85.92473	Normal			
8/ 5/ 21	11: 50: 47	95	0.1	260	30.3	2600	2712	G	3.68	25.34065	85.92423				
TOTAL			1.5	3550	373.7	35500	37397		51.13	380.187146	1288.65152				
AVERAGE						2366.667	2493.133		3.408667						

Assistant Engineer
R.W.D. Sub-Division, Dhanarua

Executive Engineer
R.W.D. Works Div. Masaurhi

Steco Analyser

Name of Customer : PATLIPUTRA INFRA CONST

Name of Work/ Road : SPM RD TO BHERGAWAN

Lab Job number :

Date : 08-05-2021

Section No : 95

Test Date : 08-05-2021

Machine No :

Start S No :

Start E No :

Weather :

Start Location :

End Location :

Road Name : SPM RD TO BHERGAWAN

Road Type : (R) RURAL ROAD

Side :

Interval

UIV Range : 20 To 4000 1000 mm/km

Dist Range : 0 To 1.6 0.1 * 1000 m

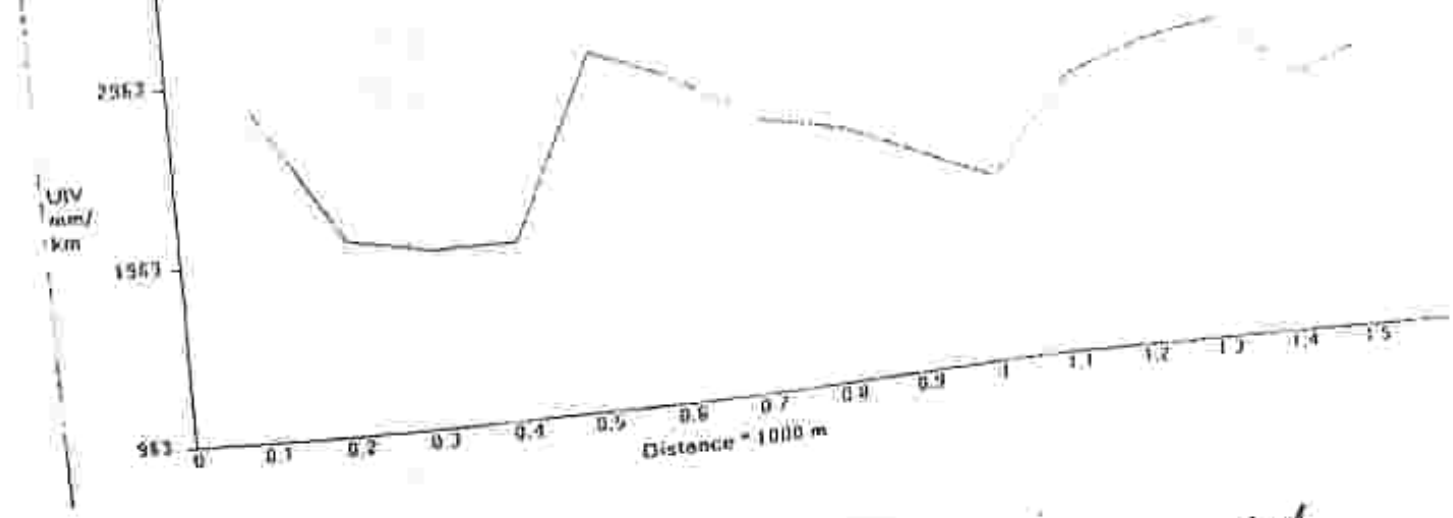
Equation :

Redraw Graph | Map View

Print | Generate Report and Graph

File :C:\Users\SHAZI\Desktop\95.xls Section No :95 Equ

Name of Customer :PATLIPUTRA INFRA CONST PVT LTD. Name of Work/ Road :SPM RD TO BHERGAWAN Lab



Executive Engineer
R.W.D. Works Div. Masaurhi

N/Scheme:— SPM Road -to Bhargwan.

M/cost:— Patil Pipe Infra construction Pvt Ltd.

Measurement Book

Schedule XLV-Form No. 134

Agr:— 14/SBD/2019-20.

_____ DIVISION

दि.ए.ड. 31/03/:— 04-12-311

_____ SUB-DIVISION

MBNo:—1140

Page No. 1 to 1027

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
WORK done					
(5) Cement of W.B.M. Gr.3.					
Rates-wise					
(1) Bill 20 KM					
	1 × 30.00 ×	1.00	= 30.00		
	1 × 18.00 ×	1.75	= 31.50		
	1 × 30.00 ×	1.00	= 30.00		
	1 × 8.00 ×	1.75	= 14.00		
	1 × 3.00 ×	3.75	= 11.25		
New CD&Ld.	1 × 6.40 ×	0.00	= 0.00		
	1 × 3.00 ×	3.75	= 11.25		
	1 × 10.00 ×	2.15	= 21.50		
	1 × 5.00 ×	1.00	= 5.00		
	1 × 6.00 ×	1.25	= 7.50		
	1 × 5.50 ×	2.00	= 11.00		
	1 × 6.00 ×	1.00	= 6.00		
	1 × 5.00 ×	2.75	= 13.75		
	3 × 3.00 ×	2.15 / 2.75	= 19.35		
	4 × 1.50 ×	1.50	= 9.00		
			= 221.90 M² - (A)		
Bill of Gr3 = 221.90 × 0.075					
			= 16.64 M³		
(2/6) Provide & lay ✓ Granular Coat					
Area same above Bill No 1/5					= 221.90 M²
(3/8) P/v. Tack Coat					
Area same above Bill No 2/6					= 221.90 M²
(4/9) P/v & Lay ✓ M.S.S. Type B'					
Area same above Bill (3/8)					= 221.90 M²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B	D.	
(19/22) Qnty of supplied old ...					
Further shoulder					
CH: 441 to 610M					
	2+1x	30.00 x	1.00 x	0.30 =	18.00 m³
	2+1x	20.00 x	1.00 x	0.30 =	12.00
	2+1x	3.00 x	1.475 x	0.60 =	5.31
	1x	6.40 x	0.00 x	0.00	= 0.00
	2+1x	3.00 x	1.475 x	0.60 =	5.31
	2+3x	30.00 x	1.00 x	0.25 =	45.00
	2+1x	16.00 x	1.00 x	0.25 =	8.00
				Qty =	93.62 m³
				5/6/21	
	work done.				
(18) P/L applying Tack coat					
for SDBC lay-up					
	CH: 441 to 610M				
	1x	30.00 x	3.75	=	112.50 m²
	1x	22.00 x	3.75	=	82.50
Slab	1x	6.40 x	0.00	=	0.00
Curve	1x	29.60 x	(3.75+5.60+3.75)/3		= 129.25
	2x	30.00 x	3.75	=	225.00
	1x	21.00 x	3.75	=	78.75
					= 628.00 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	CH: 1226 - 1246 M				
	1 × 20.00		3.75	=	75.00 m²
				=	703.00 m²
2/19	P/C Laying of SDBC Type II				
do	— do —			— — —	Ditto
	CH: 1221 to 1246 M				
	1 ×	30.00	× 3.75	=	112.50 m²
	1 ×	22.00	× 3.75	=	82.50 m²
	1 ×	6.40	× 0.00	=	0.00
	1 × 29.60 ×	3.75+5.00+3.75 / 3		=	129.25 m²
	2 ×	30.00	× 3.75	=	225.00
	1 ×	21.00	× 3.75	=	78.75
	CH: 1226 - 1246 M				
	1 ×	20.00	× 3.75	=	75.00
	Total area			=	703.00 m²
	Wt of SDBC: 703.00 × 0.025 =				17.58 MT
3/19	P/C Laying not applied				
	Bituminous compound				
	2.5 mm thick — do —				
	CH: 00 = 12.46 M				
	2 × 41 ×	30.00	× 0.10	=	246.00 m²
	2 × 17 ×	16.00	× 0.10	=	32.20 m²
	2 × 1 ×	30.00	× 0.10	=	6.00
				=	261.20 m² (a)
At Curve	64 × 8 × 1.00 × 0.20 =				10.56 m²
	6 × 2 × 3.75 × 0.20 =				9.00
					= 19.56 m² (b)

Continuation

Total (a+b) = 261.20 + 19.56
= 280.76 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/18 Making of Round stone					
"	17	3.75	1.00	= 63.75 m2	
5/11 Providing Granite				Km stone	
"	Total Qty = 3 Nos				
6/12. Providing H. stone (Beam)					
"	Total = 5 Nos				
7/13. Fixing Direction & Plate, Selute fixing on Board. "					
"	1	1.70 m2		= 1.98 m2	
8/14. Providing equilateral Triangle "					
"	Total = 10 Nos				
9/15. Providing Circular Marble (Quadrant)					
"	Total = 6 Nos				
10/16. 60 x 15 cm Rectangle Temple					
"	Total = 4 Nos				
11/19. Planting of Trees by the pond side					
"	Total = 75 Nos				

15/6/21

15/6/21

A.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Work done.				
	Rec. Culvert	145.00	x 2.50		
1/31	R.C.C.	17.25	1'0" Deck		
	Slab. — do		— do		
	Deck slab.				
✓	1 x 5.760	x 7.50	x 0.480		= 18.66 cum
2/32	Bed Block	jacketing			
	do — do		Cft.		
✓	2 x 7.50 m		=		15.00 cft
3/33	Brick masonry work				
	in CM(1:4) — do —		do —		
	In floor sel.				
✓	2 x	12.85 x 0.40	x 0.60		= 6.17 cum
4/35	Plastering with CM(1:4)				
	do — do		— cft.		
All. Inner face	2 x	7.50 x 2.60		=	39.00 sqm
Outer face (A&H + B/W) —					
✓ A	x 4.308 + 3.925 / 2	x 2.60		=	42.85
✓ A	x 3.225	x 0.83		=	8.13
Sides of R/W ✓ A	+ 0.757 x 2	x 1.00		=	3.00
Floor apron ✓	2 x 12.85	x 1.60		=	41.12
✓ A	+ 0.40	x 0.60		=	0.96
					= 135.06 cum

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
5/36 P/N 1:5 mm cement Gunite					
Plinth — " —					
Parapet-	2	12.85	1.60	= 41.12 m2	
6/38. Pr sweep holes — 2 nos.					
	2			= 8 Nos = 16 Nos.	
	4			= 4 Nos = 16 "	
				= 32 Nos	
7/38. Painting two coat with					
epoxy Paint — " —					
Parapet-	2 × 2	12.85	0.60	= 30.84 m2	
	2 × 2	0.40	0.60	= 0.96 "	
	2	7.40	0.63	= 9.32 "	
~~4 × 4.15 × 3.23~~				~~= 53.62~~	
				~~= 90.92 m2~~	
4 × 4.15 (Av) × 3.23				= 53.62	
				= 91.75 m2	

15/6/21

15/6/21 A.E.

A.E. 15/6

Final

2/11 Diff. Estt II

21

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
ABSTRACT OF Quantity.					
(1) Clearing & grubbing of ground surface					
Qty vide MB. P/11, Pg. 1/1					
		= 0.30 Hect			
(2) Construction of sub grade & shoulders					
Qty vide P/11, Pg. 2/2					= 1166.45 m³
Qty vide P/16, Pg. 7/2					= 93.62 m³
			Total Qty		= 1260.07 m³
(3/3) Construction of Earthwork					
do					
Qty vide MB No. (1053) P/10, Pg. 14/3					= 197.00 m³
(4/4) Construction of G.I.B. Gr. D					
do					
Qty vide P/11, Pg. 3/3, Mark (A)					= 47.23 m³
(5/5) Constn of W.B.M. Gr. 2					
do					
Qty vide P/11, Pg. 4/2 Mark (A)					= 34.03 m³ = 33.926 m³
(6/6) Constn of WBM Gr. 3					
do					
Qty vide P/12, Pg. 5/5					= 143.898 m³
Qty vide P/15, Pg. 1/5					= 16.64 m³
					= 160.538 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/7) P/V & apply-p formwork					
Coat wall (SS-1) —do—					
Qty vide P/12, Sh 6/6	-	-	-	= 1918.64 m²	
" " P/15, Sh 2/6				= 221.90 m²	
				= 2140.54 m²	
(8/8) P/V & Lay-p M.S.S. Type 'B'					
do —do— Cat-B					
Qty vide P/12, Sh 7½ Mark (A)				= 1918.64 m²	
" "				= 221.90 m²	
		Total Qty		= 2140.54 m²	
(9/9) P/V & apply-p Tokle cloth					
with (25:1) @ 0.275 kg/m²					
Qty vide P/12, Sh 8/8	-	-	-	= 6249.45 m²	
" " P/15, Sh 3/8	-	-	-	= 221.90 m²	
" " P/17, Sh 1/8				= 703.40 m²	
			Qty	= 7173.94 m²	
(10/10) P/V & Lay-p S.D.B.C. Type II					
do —do— ankle	-	-	-	@19	
Qty vide P/13, Sh 9/8	-	-	-	= 108.28 m³	
" " P/17, Sh 2/8	-	-	-	= 17.58 m³	
			Qty	= 125.86 m³	
(11/11) Fix-p R.M. Stone —do—					
Qty vide P/18, Sh 5/11	-	-	-	= 3 Nos	
(12/12) P/V & Fix-p 200 H. Stone					
Qty vide P/18, Sh 6/12				= 5 Nos	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/13) Fix-p Direction & Place					
Sobuti-proof - Board					
Qty vide P/18, Sh 7/13					= 1.92 m²
(14/14) Fix-p 600 mm equilateral					
T/sign — do — do					
Qty vide P/18, Sh 8/14					= 10 Nos
(15/15) Fix-p 600 mm Circular					
(Special Quality) T/Signs					
Qty vide P/18, Sh 9/15					= 6 Nos
(16/16) Fix-p 600×450 mm Rectg.					
reflecting T/Signs — do					
Qty vide P/18, Sh 10/16					= 4 Nos
(17/17) P/V2 Layg-p Cut stone					
stone Pitching (Random)					
do — do — do					
Qty vide P/					
(17/17) Making-p Road Signs					
Qty vide P/18, Sh 4/18					= 63.45 m²
(18/18) Planting-p of Trees by the					
Road Side — do					
Qty vide P/18, Sh 11/19					= 75 Nos
(19/19) P/V2 Layg-p Cut stone					
Khan pitching Cum-d — do					
Qty vide P/7, Sh 3/19					= 280.76 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(24/28) P/W RCC M-15 (1:2:4) in					
Sub Str. (Base) in					
			(1039)		
Rly Yard - MBM No. (1093)					
" " P/7	Qty No. 1/26				= 12.8820 m³
MBM (1093) P/6.	Qty No. 4/26				= 19.4434 m³
				Qty	= 32.326 m³
(27/28) P/W R/W (1:4) in Sub Str.					
do — do —					
			(1039)		
Rly Yard - MBM No. (1093)					
P/7, Qty 5/27					= 121.652 m³
(28/28) P/W R/W (1:4) in Sub					
Str. — do —					
	(1039)				
Rly MBM No. (1093)	P/7, Qty 6/28				= 82.943 m³
" " "	P/8, Qty 9/28				= 2.219 "
				Qty	= 85.162 m³
(29/29) P/W RCC/PCC M-20	in				
Sub Str. — do —	do				
			(1039)		
Rly Yard M.B.M No. (1093)					
P/8, Qty 7/29					= 4.809 m³
(30/30) P/W Bituminous Pavement					
do —	do				
			(1089)		
Rly Yard MB. No. (1093)					
P/10, Qty 13/30					= 12.95 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
26/26 P/W RCC M-15 (1:2:4) in					
Lintel/Chajja L & B etc					
			(1039)		
Q/W vide MB No. (1039) 31					
" "	P/9	Qtr No. 1/26			= 12.982 m³
MBNo (1092)	P/6	Qtr No. 4/26			= 19.644 m²
				Q/W	= 32.326 m³
27/27 P/W B/W (1:4) in Found					
d/w — do —				etc	
				(1029)	
Q/W vide MB No. (1039) 31					
	P/7,	Qtr No. 5/27			= 121.655 m³
28/28 P/W B/W (1:4) in Sub					
Str. — do —				do	
	(1039)				
Q/W MB No. (1039) 31	P/7,	Qtr No. 6/28			= 82.945 m³
" " in	P/8,	Qtr No. 9/28			= 2.219 "
				Q/W	= 85.164 m³
29/29 P/W RCC/PCC M-20 in					
Sub Str — do —				do	
				(1039)	
Q/W vide M.B No. (1039) 31					
	P/8,	Qtr No. 7/29			= 4.809 m³
30/30 P/W Bituma Paint to					
do —				do	
				(1039)	
Q/W vide MB No. (1039) 31					
	P/10,	Qtr No. 13/30			= 12.45 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(31/31) RCC M-25 1:2:4 Deck Slab — do — do — do — do					
Qty vide P/19, Sh No 31/31					= 18.58 m³
(29/32) S/P & plain HYSD bar reinforcement — do — do — do					
Qty MB No (1039) P/8, Sh 29/32					= 0.574 mT
Qty MB No (1039) P/10, Sh 12/32					= 1.618 mT
					= 2.192 mT
(33/33) P/v & ramp flooring — do — do — do					
Qty vide P/19, Sh 9/33					= 15.90 m
(34/34) Brick work in CM (1:4) in foundation — do — do — do					
Qty vide P/19, Sh 3/34					= 6.17 m³
(35/35) Plastering CM (1:4) — do — do — do					
Qty vide P/19, Sh 4/35					= 135.16 m²
(36/36) P/v 1:5 40mm Cement flooring — do — do — do					
Qty vide P/20, Sh 5/36					= 41.12 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
37/37	P/v weep holes in				
	Brick masonry — do —				
	Qty vide 1/20, Sl 6/37				= 32 Nos
38/28	Point two coat work				
	epoxy paint — do —				
	Qty vide 1/20, Sl 7/38				= 94.75 m²
					15/6/21
	As per Revised B.O.Q.				
	ABSTRACT OF COST				
1/1	Clearing & grubbing grass				
	Land — do — do				
	Qty vide 1/21,				
	= 0.30 Hect				
	@ 19524-66/Hect				₹ 14,857
6/2	Const of Sub grade chamber				
	do — do — do @				
	Qty vide 2/21				
	= 1260.07 m³				
	Const — 1260.00 m³ @ 161-23/m³				₹ 2,03,150

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(3/5) Constn of C.W.M. Gr. II					
Comp. Wall					
R/S vide P/21					
= 195.60 m³					
@ 176.75/m³					₹ 34,9 68=
(4/6) Constn of G.S.B. Gr II					
do — do — Comp. Wall					
R/S vide P/21					
= 47.23 m³					
@					
Limit — 46.89 m³					
@ 1725.43/m³					₹ 80,905=
(5/5) Constn of W.B.M. Gr-2					
do — do — Comp. Wall					
R/S vide P/21					
= 34.03 m³					
Limit — 33.73 m³					
@ 3185.68/m³					₹ 1,08,088=
(6/6) Constn of W.B.M. Gr-3.					
do — do — Comp. Wall					
R/S vide P/21					
= 160.538 m³					
Limit — 160.46 m³					
@ 2976.43/m³					₹ 4,77,578=
(7/7) P/R apply for Footpath					
Cement — do —					
R/S vide P/22					
= 2149.54 m²					
Limit — 2139.47 m²					
@ 41.24/m²					₹ 88,246=

Continuation

₹ 10,07,360=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) P/v & lay-p 1¼p Seal Surfacing Type 'B'					
Rly vide P/22					
= 2140.54 m²					
Less — 213.47 m²					3,95,075
@ 18/-66/m²				— ₹ 39,507-	
(8) P/v & lay-p Type Carpet — ob — ib					
Rly vide P/22					
= 717.94 m²					
@ 14-20/m²				— ₹1,01,870-	
(10/10) P/v & lay-p Semi Dense Bituminous Concrete Type II — ob — No — Eb					
Rly vide P/22					
= 125.86 m³					
@ 8628-30/m³				— ₹ 10,85,918-	
(11) Fix-p Guard ring Rly. Post — ob — "					
Rly vide P/22					
= 3 Nos					
@ ₹112-20 each				— ₹ 6337-4	
(12/12) Fix-p 200 M Stone Pitch					
Rly vide P/22					
= 5 Nos					3042-
@ 602-46 each				— ₹ 3012-30	

Continuation 2246847-
26,00,215-
2599418-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(13/13) Fixing Place & Condi-					
Accdn- Board -e					
Qty vide P/23					
= 1.92 m2 1.90					
@ 1100.5=12/m2					₹ 22992=
(14/14) Fixing 600 mm equilateral					22043 =
Cast- steel T/stps					
Qty vide P/23					
= 10 Nos					
@ 3395=51 each					₹ 339538=
(15/15) Fixing for mini Circuit					
(special Emtl) T/stps					
Qty vide P/23					
= 4 Nos					
@ 4585=67 each					₹ 27513=
(16/16) Fixing 600×450mm Recta-					
-ngular T/stps					
Qty vide P/23					
= 4 Nos					
@ 4463=67 each					₹ 17853=
(17/17) Make-up Road stud					
Qty vide P/23					
= 63.75 m2					
@ 184=66 m2					₹ 11772=

Continuation ~~2358,084=~~ ~~2712592=~~ 2712756=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18/18	Planting of Tree by the side of roads — at Rly wise P/S = 7 Nos @ 798=00 each				— ₹ 5976=00
19/19	P/C Log-in hold all kind of thermo plastic (enamel) — at — & — cl Rly wise P/S = 280.76 m2 @ 735=75 /m2				— ₹ 2,06,567=
20/20	P/L 6" to 30" dia MS Electric welding between with Layer — at Rly wise P/S = 2 Nos @ 11820=00 each				— ₹ 23642=00
	C.D. work				
21/21	Dismantling of existing str like R.C.C/P.C.C — at Rly wise P/S = 5.40 m3 @ 408=00 /m3				— ₹ 2207=20
22/22	Dismantling G.I/L.P.S.A like brick works Rly wise P/S = 27.19 m3 @ 934=76 /m3			20.2	6268= — ₹ 6383=76

Continuation

~~26,55,588=~~
~~20,18,447=~~
30,11,205=

Sch. XLV-Form No. 1/14

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
3/24					
24	C/O in Pucca tables				
	from Ch to Ch				
	Rly vide P/24				
	= 243.54 m³				
	Omit — 236.71 m³				
	@ 345=17/m³				₹ 62,940=00
24A					
25	Sand Filling in Bed				
	do — do —				
	Rly vide P/24				
	= 3.479 m³				
	@ 443=72/m³				₹ 1,564=00
25A	P/V PCC 1:3:6	in Bed			
	in Bed — do —				
	Rly vide P/25				
	= 32.326 m³				
	@ 5145=04/m³				₹ 1,66,319=00
26/27					
27	P/V Brick Masonry				
	work (1:4) in foundation				
	do — do				
	Rly vide P/25				
	= 121.658 m³				
	Omit — 121.658 m³				
	@ 5845=21/m³				₹ 7,10,324=00
27/23	Lay'g Porch sal Pitch				
	old bricks laid in				
	Damp Proof (P/c)				
	Rly vide P/24				
	= 112.50 m²				
	@ 50=82/m²				₹ 5,618=00

Continuation

39,88,965=00

39580600

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(28/28) P/N Brick work in Cm. Sh. do					
(1:4)					
D/L vide P/25					
= 85.164 m³ 7589 UM					
@ ₹762.40/m³					₹64,90,749/-
(29/29) P/N RCC/ RCC in Sub.					4,34,529=0
Sh: — do — do					
D/L vide P/25					
= 4.809 m³					
Amt = 4.500 m³					
@ 5878-29/m³					₹ 28216/-
(30/30) P/N Brick work in Cm. Pain Sh. do					
D/L vide P/25					
= 12.45 m²					174/-
@ 25/- per m²					₹ 2954/-
(31/31) P/N RCC M-25 in					
Deck Slab. — do — do					
D/L vide P/26					
= 18.58 m³					
@ 7026-27/m³					₹1,30,548/-
(32/32) S/F & placing HYSD bar					
reinforced — do — do					
D/L vide P/26					
= 2.172 mT					
@ 58356-26/mT					₹1,27,917/-
					43,83,827/-
Continuation					2736570/-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
33/23 P/v & ~~Vill~~ p					
do — do — do					
Rly wise P/26					
= 15.00 m					
@ 35=47 /m —				₹	527=
34/34 P/w (1:4) in Pond set					
do — do — do					
Rly wise P/26					
= 6.17 m3					
@ 6169=15 /m3 —				₹	38,008=
99/36 Plaster with cm (1:4)					
do — do — do					
Rly wise P/26					
= 135.06 m2					
Sum = 131.34 m2					
@ 177=67 /m2 —				₹	23378=
38/36 P/v 1:5 cm Thick Cast					
Pump — do —					
Rly wise P/26					
= 41.1 m2					
@ 46=75 /m2 —				₹	1927=
37/37 P/v weep holes in P/w					
— do —					
Rly P/27					
= 32 Nos					
@ 121=21 each —				₹	3879=

Continuation ~~4457551=~~ ~~4804294=~~ 47447066

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Painting with epoxy paint					
Deduct vents 9/27					
= 94,875 m2					
@ 95 = 43/m2				₹	9061=40
				₹	48,75,955=
					4756129=
Add Lab 1%				₹	48,561=
Add GL @ 12%				₹	5,70,335
				₹	5439992=
					537 4493=
Less 6.22% as per below				₹	3,35,312=
				₹	51,00,780=
					5046134=
Less Provisional Payment Payable				₹	21,96,404=
				₹	27,04,376=
					2841330=
	18/8/21				
Limit	For	Allo	upto		2975196=

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Brought all the above / to the					
(i) Earth Work				= 14,55.00m³	
(ii) Stone Metal				= 271.48m³	
(iii) Stone Chips				= 22.15m³	
(iv) Stone Screenings				= 47.67m³	
(v) Coarse Sand				= 28.34m³	
(vi) Coarse Sand				= 82.00m³	
(vii) 100 A Bricks				= 1,06,397 Nos	
(viii) Bitumen (S-90)				= 18589.00kg	
(viii) Emulsion (SS-1)				= 1820.00kg	
(ix) Emulsion	(RS-1)			= 1973.00kg	

Signature 20/8/21

2nd memo of Payment bill

S.D-5% e			₹	48760=00
ST-2% e			₹	19504=00
L.S-1% e			₹	9752=00
S.HST-1% e			₹	9752=00
C.HSH-1% e			₹	9752=00
Royalty			₹	14979=00
~~by cfms~~ Deviation				112499=00
by cfms			₹	862697=00
				975196=00

Passed For Rs:- 975196=00 Nine Lac seventy five thousand one hundred ninety six Rupees only

Ref No. 20-21 0826 D80403 Dt. 2/08/21

Continuation

2/8/21 2/8/21