

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

पत्राक- 1013 (3130) मसौदी दिनांक 15/09/2021

प्रेषक,

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौदी।

सेवा में,

नोडल पदाधिकारी,

New Maintenance Policy 2018

ग्रामीण कार्य विभाग,

बिहार, पटना।

विषय:- New Maintenance Policy 2018 के तहत चल रहे कार्य हेतु अधिप्राप्ति के संबंध में ।

महाराज,

उपर्युक्त विषय के संबंध में इस प्रमण्डल के अंतर्गत New Maintenance Policy 2018 के कार्य हेतु विहित प्रपत्र में पथ-वार निधि की अधिप्राप्ति की गई है जिसकी कुल राशि 65,82,526/- रुपये है ।

अतः विषयांकित मद में इस प्रमण्डल अंतर्गत कुल 65,82,526/- (पैंसठ लाख बेंरासी हजार पाँच सौ छब्बीस रुपये) मात्र का आवंटन करने की कृपा की जाये ।

विश्वासभाजन

अनुष्ठ- यथोक्त ।

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौदी।
15/09/2021

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 Amount Total (Lac)	Expenditure (Lac)	Value of Measurement (in Lac)	Current Demand (in Lac) (20-18)	Remarks
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	Katipar se madhubani via kosi	RM/PA/MAS/1 9/0001	10103568	230.412	61.562	315.015	8.66	8-Feb-19	276.699	56.2904	21-Oct-20	Suppl 15/MBD/19 2020	15	18	19	20	21	Complete
2	SPM road se Andhara	RM/PA/MAS/1 9/0001	10103569	20.376	4.632	27.046	0.7	8-Feb-19	22.181	4.33248	21-Oct-20	Suppl 15/MBD/19 2020	30.2 (Avg)	18.79100	17.70538	22.17901	2.77901	Complete
3	Sun Kidurgan Road to Lodepur via Jarna	RM/PA/MAS/1 9/0001	10100401013	50.983	14.618	70.699	2	8-Feb-19	60.902	13.75157	21-Oct-20	Suppl 15/MBD/19 2020	28.445 (Avg)	54.07726	54.07726	60.80814	6.77088	Complete
4	MUSNAPAR MASAUHRI PATH - TILHARA (BR-26R-2 to)	RM/PA/MAS/1 9/0001	10100402054	66.046	17.491	90.142	2.4	8-Feb-19	72.306	15.49154	21-Oct-20	Suppl 15/MBD/19 2020	28.204 (Avg)	64.01700	64.01700	72.25541	7.71651	Complete
5	BEER SPM - NANALURI	RM/PA/MAS/1 9/0001	NEA22000977	114.558	29.772	155.786	6.03	8-Feb-19	144.191	28.21221	21-Oct-20	Suppl 15/MBD/19 2020	29.87 (Avg)	124.30065	124.30065	147.48413	19.18408	Complete
Total				482.375	128.075	658.688	5.49		576.27900	118.07820				506.59531	504.50689	572.42857	65.82526	

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

DAO
R.W.D., Works
Division Masaurhi

EXECUTIVE OFFICER
RURAL WORKS DEPARTMENT
WORKS DIVISION, MASAUHRI

N/scheme/ — Kigtipur to Mashubam via Kogut.

N/contractor; — A.K. Brothers

Measurement Book

Schedule XLV-Form No. 134

Agno: — 15/MBD/2019-20

DIVISION

Gr. Date of Crp. — 21.11.20 + 45 day (Covid-19)

= 5/12/20

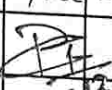
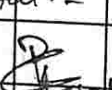
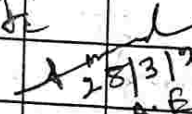
SUB-DIVISION

1142

3rd & Final Bill

37

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: - Repair of Road & Five year Maintenance of Kistapur to Madhuban via Kosul Road (Pkg-MR-NI/19, Masaurhi 01) MR-3454, in Phansuwa Block.					
N/Contractor: - A.K. Brothers.					
Ag. No: - 15/M.B.D/2019-20					
Start date: - 22-01-2020					
Int. dt of Comp 21.10.2020 + 90 days (contd-19)					
Date of Meant - 28.3.2021					
Work done					
We (S.C) Planting of tree.					
Tree by the road side (Avenue tree) including Planting the sapling, back filling the trench, watering for the tree guard, and maintain the tree for the one year.					
Plant tree - Total. - 173 Nos					
 28/3/21 P.E.  28/3/21 A.E.					
 28/3/21 A.E.					
 28/3/21 A.E.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST.					
(As per Revised B.O.D. Return dated 25/6/21)					
(1) Clearing & grading of road land (by manual means) — do — do					
all comp soil					
= 1.729 Hect (at 1/30, at 1/1)					96018=00
@ 55727=05/Hect					₹ 96,352=00
(2) Scrapping existing B.T. surface and slope soil — do — do — Comp soil					
= 12349.50 M ² (1/30, at 2/2)					
@ 19=65/M ²					₹ 2,42,658=00
(3) Const of sub. grade & earthen shoulder — do — do — up. 0.5					
= 3637.20 M ³ (1/30, at 3/3)					
@ 193=77/M ³					₹ 7,04,780=00
(4) Const of G.S.B. G.D. by providing well. grade material — do — do					
Comp. soil up. — do					
= 1103.93 M ³ (1/6, at 1/4)					
Limit to - 1101.05 M ³					
@ 1922=73/M ³					₹ 21,17,022=00
(5) Const of W.B.M. G.D. — do					
all comp. soil — do					
= 929.89 M ³ (1/10, at 1/5)					3338203
@ 3589=89/M ³					₹ 3338,422=00

Continuation

₹ 64,99,015=

6498681=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/6) Conc'n of W.P.B. 17. (9.11)					
do - do - all comp 10%					
area - - - - - 12.19					
= 1498.46 m ³ (P/15, 94.1/6)					
@ 3356.58/m ³					₹ 50,29,701.50
(7/7) P.V. & applying Primer					
Coat - - - - - 1					
= 19,979.47 m ² (P/17, 94.4/7)					
@ 52.18/m ²					₹ 10,42,529.20
(8/8) P.V. Lay-up & 2014 mp					
of Mix Seal. Surface					
Type: B - - - - - 1					
all coat 0.5					
= 214,59.97 m ² (P/17, 94.4/8)					
@ 228.16/m ²					₹ 48,96,307.00
(9/9) P.V. & applying Tack					
Coat @ 0.25 to 0.30 kg					
for m ² - do - - - - - 12.19					
= 214,59.97 m ² (P/17, 94.4/9)					
= 32802.92 m ² (P/18, 94.4/9)					
= 54262.89 m ²					
@ 18.83/m ²					₹ 10,21,770.00
(10/10) P.V. & laying S.D. B.C					
with crushed aggregate of					
specified & bituminous binder					
@ 4.50 to 5 percent					
for m ² - do - - - - - 12.19					
= 32802.92 m ²					
@ 18.83/m ²					₹ 10,21,770.00
Continuation					
					₹ 184,89,322.00
					184889322.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
= 820.07 m ³ (P/30, Pt 2/10)					
Unit to 819.99 m ³					
① 10947 = 59/m ³ — ₹ 89,76,914.00					
(11/11) P/V & front 5' km stone					
du — do — cut 80					
= 1 No (P/31, Pt 11/11)					
① 5103 = 08 each — ₹ 5103.00					
(12/12) P/V & front ordinary					
km. stone — do — do					
= 9 Nos (P/31, Pt 12/12)					
① 2624 = 35 each — ₹ 23619.00					
(13/13) P/V & front 200 ft. stone					
free cost — do — do					
= 36 m ² (P/32, Pt 13/13)					
① 749 = 00 each — ₹ 26,964.00					
(14/14) P/V & front direction &					
place identification 0300					
do — do — cut 01					
= 1.92 m ² (P/32, Pt 14/14)					
① 14746 = 64/m ² — ₹ 28314.00					
(15/15) P/V & existing "W" metal					
beam crash barrier.					
— do — do — cut 005					
= 60.00 m (P/32, Pt 15/15)					
① 2835 = 00/m — ₹ 1,70,100.00					
(16/16) P/V & front road stud					
100 x 100 mm dia — do —					
= 50 Nos (P/32, Pt 16/16)					
① 250 = 00 each — ₹ 12,500.00					

Continuation

₹ 27732,836.00

277,32,502.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/17) Supply & installation of delimiters — do — do Camp. — Nos					
= 64 Nos (P/32, 9+17/17)					
① 1011 = 10 each — ₹ 6470.94					
(18/18) P.V. RELAY-15 Portable barrier — do — do Camp. — Nos					
= 10 Nos (P/32, 9+18/18)					
① 4488 = 41 each — ₹ 44884.10					
(19/19) P.V. of red fluorescent with white reflective shave Traffic Cone. do — do — do — Nos					
= 20 Nos (P/33, 9+19/19)					
① 1225 = 44 each — ₹ 24509.00					
(20/20) P.V. & P.H. 600 mm equilateral T/S sign — do —					
= 16 Nos (P/33, 9+20/20)					
① 3922 = 99 each — ₹ 62768.00					
(21/21) P.V. & P.H. 600 mm Circular T/S sign — do —					
= 36 Nos (P/33, 9+21/21)					
① 5318 = 30 each — ₹ 191459.00					
(22/22) P.V. & P.H. 600 x 450 mm Rectangular T/S sign — do —					
= 20 Nos (P/33, 9+22/22)					
① 5175 = 48 each — ₹ 1,03,510.00					

Continuation

₹ 28,24,670.00

28224336.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/23) P/V sun shade strips do ————— do ————— do —————					
= 7.50 M ² (P/33, Pt 23/23)					
① 900 = 62/M ² ————— ₹ 6753 = 6					
(24/24) P/V sun shade strips Carpet ————— do —————					
= 60.00 M ² (P/33, Pt 24/24)					
① 228 = 16/M ² ————— ₹ 13690 = 00					
(25/25) P/V & P/V strip ceiling - 15 Boundary Wall ————— do —————					
= 240 Nos (P/33, Pt 25/25)					
① 509 = 91 each ————— ₹ 12378 = 00					
(26/26) Planting of tree the total 2000 ————— do ————— do —————					
2.5 m x 2.5 m x 2.5 m					
= 173 Nos (P/37, Pt 26/26)					
① 904 = 09 each ————— ₹ 156,408 = 00					
(27/27) P/V & layout of hot applied thermoblastic 2.5 mm thick ————— do —————					
do ————— do ————— do —————					
= 1740.00 M ² (P/34, Pt 27/27)					
① 900 = 62/M ² ————— ₹ 15,67,079 = 00					
(28/28) P/V & layout of 3054 M.R. Board ————— do —————					
= 4 Nos (P/34, Pt 28/28)					
① 15011 = 68 each ————— ₹ 60,047 = 00					

Continuation

₹ 3,01,51,017.00

3,01,50,693.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Original Material Statement</u>					
(I) Earth 814	-	-	-	-	3637.20 M ³
(II) Stone Metal (G ₁ + G ₂ + G ₃)	-	-	-	-	= 3928.16 M ³
(III) Stone Screening (G ₁ + G ₂ + G ₃)	-	-	-	-	= 632.37 M ³
(IV) Coarse Sand	-	-	-	-	= 640.37 M ³
(V) Stone Chipp	-	-	-	-	= 1778.00 M ³
(VI) Bitumen (S-90)	-	-	-	-	= 135389.00 kg
(VII) Emulsion (SS-1)	-	-	-	-	16983.00 kg 12922.00 kg
(VIII) Emulsion (RS-1)	-	-	-	-	9211.00 kg 12922.00 kg
(IX) Brick 100 M	-	-	-	-	= 9360 N/A
					

28/01/21
88

Balanced -	393861.00
Not received	1635000.00
52/21.08.21	20,28861.00
memo of Payee -	2028861.00
S.D-512	= 101443.00
g11-212	= 40577.00
LC-112	= 20289.00
SUS-112	= 20289.00
CUS-112	= 20289.00
SF	= 76903.00
T.E.T-1012	= 1749021.00
	2028861.00
Paid For R.F. -	2028861.00 Twenty
LC Twenty Eight thousand & Eight hundred	
Sixty one only	

23.2.2012

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
maxo of Payer				7	20 8861-0
Sub 52				10	1447-0
Sub 288				40	597-0
L.C 142				20	289-0
Sub 142				20	289-0
Sub 142				20	289-0
ST				2	76903-0
Trist-1042				2	20 2886-0
byc fms				2	1546185-0
					20 2886120
Passed for Rg				20 28861	0 twenty
LAC twenty thousand eight hundred and sixty only					
Re's No. 20210909044712 dt. 09/09/21					

Am
2012

External Engineer
RWD, W.P. No. 134

28.08.21

28/8/21

DIVISION : MASAU RHI

BLOCK: DHANARAJA

[illegible]

22.11.20
E. P. Davis

11/11/20	9:55:00	1	0.1	240	20.2	2400	1524	G	3.45	25 39592	85 85855	Normal
11/11/20	9:54:38	1	0.1	320	10.1	3200	3273	G	4.36	25 392075	85 85855	Normal
11/11/20	9:54:18	1	0.1	270	20.2	2700	2805	G	3.79	25 391337	85 85855	Normal
11/11/20	9:53:53	1	0.1	130	20.2	1300	1495	G	2.16	25 39075	85 85403	Normal
11/11/20	9:55:00	1	0.1	180	40.3	1800	1963	G	2.76	25 389532	85 85932	Normal
11/11/20	9:55:00	1	0.1	100	30.3	1000	1214	G	1.8	25 389225	85 85343	Normal
11/11/20	9:55:00	1	0.1	150	30.3	1500	1632	G	2.4	25 38856	85 8572	Normal
11/11/20	9:55:28	1	0.1	280	30.3	2800	2899	G	3.9	25 3877	85 8584	Normal
11/11/20	9:55:28	1	0.1	150	30.3	1500	1682	G	2.4	25 386898	85 8513	Normal
11/11/20	9:55:28	1	0.1	190	30.3	1900	2056	G	2.87	25 385598	85 85793	Normal
11/11/20	9:56:4	1	0.1	180	30.3	1800	1963	G	2.76	25 385172	85 85739	Normal
11/11/20	9:56:4	1	0.1	130	40.3	1300	1495	G	2.91	25 384402	85 857003	Normal
11/11/20	9:56:4	1	0.1	130	40.3	1300	1495	G	3.16	25 383586	85 85615	Normal
11/11/20	9:56:34	1	0.1	130	40.3	1300	1495	G	2.4	25 38272	85 85212	Normal
11/11/20	9:56:34	1	0.1	130	40.3	1300	1495	G	3.14	25 381448	85 85892	Normal
11/11/20	9:57:00	1	0.1	130	40.3	1300	1495	G	3.14	25 381448	85 85892	Normal
11/11/20	9:57:13	1	0.1	130	40.3	1300	1495	G	3.14	25 381448	85 85892	Normal
11/11/20	9:57:13	1	0.1	130	40.3	1300	1495	G	3.14	25 381448	85 85892	Normal
11/11/20	9:57:13	1	0.1	130	40.3	1300	1495	G	3.14	25 381448	85 85892	Normal
11/11/20	9:57:49	1	0.1	130	40.3	1300	1495	G	3.14	25 381448	85 85892	Normal
11/11/20	9:58:00	1	0.1	430	40.3	4300	4399	G	4.8	25 38074	85 85175	Normal
11/11/20	9:58:25	1	0.1	110	20.2	1100	1214	G	1.81	25 379413	85 85143	Normal
11/11/20	9:58:25	1	0.1	270	20.2	2700	2805	G	3.79	25 37909	85 850975	Normal
11/11/20	9:59:00	1	0.1	480	10.1	4800	4971	G	4.04	25 378373	85 85106	Speed Breaker
11/11/20	9:59:35	1	0.1	360	10.1	3600	3643	G	4.8	25 377668	85 851463	Normal
11/11/20	9:59:35	1	0.1	200	20.2	2000	2150	G	2.99	25 376825	85 851463	Normal
11/11/20	10:00:11	1	0.1	280	20.2	2800	2899	G	3.9	25 375875	85 85138	Normal

11/11

11/11/20
JE Dhanan

11/11/20
JE Dhanan

11/11/20	10.6.2	1	0.1	150	30.3	1900	3066	6	2.87	75.356421	85.11410	Normal
11/12/20	10.6.2	1	0.1	200	30.3	2000	2150	6	2.90	75.357095	85.11322	Normal
11/13/20	10.6.3	1	0.1	210	30.3	2100	2244	6	3.1	75.356168	85.11573	Normal
11/14/20	10.6.4	1	0.1	240	30.3	2400	2524	6	3.45	75.355922	85.11625	Normal
11/15/20	10.6.4	1	0.1	200	30.3	2000	2150	6	2.90	75.356045	85.11453	Normal
11/16/20	10.7.1	1	0.1	190	30.3	1900	2056	6	2.87	75.355447	85.11625	Normal
11/17/20	10.7.13	1	0.1	130	30.3	1900	2056	6	2.87	75.355325	85.11658	Normal
11/18/20	10.7.14	1	0.1	130	30.3	1300	1496	6	2.15	75.352333	85.11542	Normal
11/19/20	10.7.14	1	0.1	500	10.1	3700	3741	6	6.9	75.351395	85.11506	Speed Breaker
11/20/20	10.8.1	1	0.1	600	20.1	1300	1303	6	3.42	75.350287	87.06448	Normal
11/21/20	10.8.2	1	0.1	90	10	2000	2000	6	0.108	75.350000	85.11500	Normal
11/22/20	10.8.10	1	0.1	110	10.1	2050	2072	6	3.03	75.350098	85.11542	Normal
TOTAL			8.643	17760	2000.7	174052	186382		258.2	2207.9876	7466.24379	

Done
 11.11.20
 J.E. Somanus

11/11/20

Name of Customer _____
 Name of Manufacturer _____
 Model Number _____
 Date _____
 Section No. _____

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), and 10⁹ cells/ml (◇). The error bars represent the standard deviation of three independent experiments.

[illegible]

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a continuous function and that it satisfies the functional equation $f(x+y) = f(x) + f(y)$. The function $f(x)$ is also shown to be differentiable and its derivative is found to be $f'(x) = f(x)$. This implies that $f(x) = Ce^x$ for some constant C . The value of C is determined by the initial condition $f(0) = 1$, which gives $C = 1$. Therefore, the function $f(x)$ is $f(x) = e^x$.

1

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1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

Abstract

15. December
1911

21



<u>Test Date</u>	<u>Project Name</u>	<u>County</u>	<u>State</u>	<u>Section No.</u>	<u>Range</u>	<u>Township</u>	<u>Intersect</u>
<u>Location No.</u>	<u>Road Type</u>	<u>Highway Road</u>	<u>Side</u>	<u>UVI Range</u>	<u>To - From</u>	<u>miles</u>	<u>miles</u>
<u>Start SWS</u>					<u>To</u>	<u>To</u>	<u>-1000 m</u>
<u>Station No.</u>							
<u>Weather</u>							
<u>Start Location</u>							
<u>End Location</u>							

2019-2020

1000

١٩٥٧ - ١٩٥٨

Name of Customer: P/S A.F. BROTHERS
 Name of Work/Road: KUSTIPUR TO MADHUWAR VIA KOSUT
 Lab Job number:
 Date: 11-11-2020
 Section No: 1

11/11/20
 11/11/20

Test Date:	11-11-2020	Road Name:	KUSTIPUR TO MADHUWAR VIA KOSUT
Machine No:		Road Type:	(R) RURAL ROAD
Start S No:		Side:	
Start E No:		UIV Range:	120 To 5000 Interval 1000 mm/km
Weather:		Dist Range:	0 To 38 0.2 = 1000 m
Start Location:		Equation:	$Y = 0.0 \cdot X^2 + 0.936 \cdot X + 278.4$
End Location:			

Print Generate Report and Graph

Redraw Graph Map View

File C:\Users\SHAZID\Desktop\Sec 01.xls. Section No. 1. Eqn: $Y = 0.0 \cdot X^2 + 0.936 \cdot X + 278.4$
 Name of Customer: M/S A.K. BROTHERS. Name of Work/Road: KUSTIPUR TO MADHUWAR VIA KOSUT. Lab Job



11/11/20
 JE Dhananand

11/11/20
 A.S.

11/11/20