

**कार्यपालक अभियंता का कार्यालय,  
ग्रामीण कार्य विभाग, कार्य प्रमंडल छपरा 2**

पत्रांक 11023/नु0

छपरा/दिनांक 15/06/2021

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,  
बिहार ग्रामीण पथ विकास अभिकरण (ब्राडा),  
बिहार, पटना।

विषय:- नई अनुरक्षण नीति 2018 (Head - 3054) योजना मद में आवंटन उपलब्ध कराने के संबंध में।

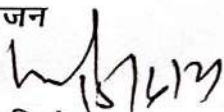
महाशय,

उपर्युक्त विषय के संबंध में कहना है कि नई अनुरक्षण नीति 2018 (Head - 3054) योजना अंतर्गत 01 (एक) पथ में राशि का अधियाचना विहित प्रपत्र में तैयार कर माप पुस्त की छायाप्रति, Bump Indecator का Reading संलग्न कर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः अनुरोध है कि पत्र के साथ संलग्न अधियाचना प्रपत्र में अंकित राशि उपलब्ध कराने की कृपा की जाय ताकि संवेदक के विपत्र का भुगतान किया जा सकें।

अनु0:- यथोक्त।

विश्वासभाजन



कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमंडल, छपरा 2

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

Name of Division :- Rural Works Department, Works Division, Chapra-2

Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allocated Amount (in Lakh)	Up-to-date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
					Length (in km)	Amount (in Lakh)	Initial Rectification with surface Renewal (in Lakh)	5 Years Routine Maintenance (in Lakh)										
1	MR-N/19-20/Chapra-2/11	T02 to Gangwa	31306302088	Lt. No. 3388 Dated 02.08.19	6.10	186.77810	119.81617	54.82177	01 MBD/2020-21	05.03.21	05.03.21	1873.934	25.00	5%	98.24784	98.24784	21.43077	MB No. 3341, Page No. 13 to 20

Executive Engineer  
 Rural Works Department,  
 Works Division, Chapra-2

Lab Job number :43  
Date :04-05-2021

Name of Customer :Satendra Upadhayay  
Name of Work/ Road :T02 to Gangwa

Sr.no Location o' Corrected U.I Road catagory  
test(in km) value(mm/km)

2	0.1	1717 G
3	0.2	2207 G
4	0.3	1962 G
5	0.4	1472 G
6	0.5	2125 G
7	0.6	2207 G
8	0.7	1962 G
9	0.8	1554 G
10	0.9	2207 G
11	1	2533 G
12	1.1	2125 G
13	1.2	2370 G
14	1.3	1717 G
15	1.4	1880 G
16	1.5	1554 G
17	1.6	1799 G
18	1.7	1472 G
19	1.8	1717 G
20	1.9	2125 G
21	2	1472 G
22	2.1	1554 G
23	2.2	1880 G
24	2.3	1880 G
25	2.4	2452 G
26	2.5	1799 G
27	2.6	2044 G
28	2.7	2370 G
29	2.8	1309 G
30	2.9	1799 G
31	3	2452 G
32	3.1	2452 G
33	3.2	901 G
34	3.3	2125 G
35	3.4	2370 G
36	3.5	2207 G
37	3.6	2452 G
38	3.7	1146 G
39	3.8	1064 G
40	3.9	2125 G
41	4	2370 G
42	4.1	1228 G
43	4.2	1309 G
44	4.3	1962 G

Gsingh  
04/05/2021  
JE

RPGm  
4-5-2021  
AE, Ekmg.

RPGm  
4-5-2021  
AE

45	4.4
46	4.5
47	4.6
48	4.7
49	4.8
50	4.9
51	5
52	5.1
53	5.2
54	5.3
55	5.4
56	5.5
57	5.6
58	5.7
59	5.8
60	5.9
61	6
62	6.1

2533 G
1228 G
1472 G
1391 G
2207 G
2615 G
1064 G
2452 G
2207 G
1064 G
1472 G
2370 G
1717 G
1962 G
1962 G
1717 G
1228 G
2222 G

Gpsingh  
04/05/2021  
JE

R P Gm.  
4-5-2021  
AE  
EKmg.



Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI, CATEGORY ROAD	Latitude	Longitude	Event
4/5/21	10: 7: 0	43	0.1	180	10.1	1800	1717 G	26.1173	84.57771	Normal
4/5/21	10: 7: 0	43	0.1	240	10.1	2400	2207 G	26.1241	84.57734	Normal
4/5/21	10: 7: 33	43	0.1	210	20.2	2100	1962 G	26.12753	84.57665	Normal
4/5/21	10: 8: 8	43	0.1	150	30.3	1500	1472 G	26.13275	84.57596	Normal
4/5/21	10: 8: 8	43	0.1	230	10.1	2300	2125 G	26.13173	84.57505	Normal
4/5/21	10: 8: 43	43	0.1	240	30.3	2400	2207 G	26.13022	84.57426	Normal
4/5/21	10: 9: 0	43	0.1	210	10.1	2100	1962 G	26.1313	84.57305	Speed Bre: <4000
4/5/21	10: 9: 0	43	0.1	160	30.3	1600	1554 G	26.13355	84.57226	Normal
4/5/21	10: 9: 18	43	0.1	240	30.3	2400	2207 G	26.13987	84.57194	Normal
4/5/21	10: 9: 18	43	0.1	280	30.3	2800	2533 G	26.148	84.57182	Normal
4/5/21	10: 10: 0	43	0.1	230	20.2	2300	2125 G	26.15445	84.57162	Normal
4/5/21	10: 10: 0	43	0.1	260	20.2	2600	2370 G	26.1624	84.57197	Normal
4/5/21	10: 10: 28	43	0.1	180	20.2	1800	1717 G	26.16837	84.57264	Normal
4/5/21	10: 10: 28	43	0.1	200	20.2	2000	1880 G	26.17795	84.57323	Normal
4/5/21	10: 10: 28	43	0.1	160	20.2	1600	1554 G	26.1816	84.57386	Normal
4/5/21	10: 11: 4	43	0.1	190	30.3	1900	1799 G	26.18775	84.57436	Normal
4/5/21	10: 11: 4	43	0.1	150	30.3	1500	1472 G	26.189	84.57542	Normal
4/5/21	10: 11: 4	43	0.1	180	30.3	1800	1717 G	26.19487	84.57581	Normal
4/5/21	10: 11: 39	43	0.1	230	10.1	2300	2125 G	26.20195	84.5753	Speed Breaker
4/5/21	10: 12: 0	43	0.1	150	30.3	1500	1472 G	26.20685	84.57473	Normal
4/5/21	10: 12: 0	43	0.1	160	30.3	1600	1554 G	26.21247	84.57498	Normal
4/5/21	10: 12: 14	43	0.1	200	10.1	2000	1880 G	26.21945	84.57512	Speed Breaker
4/5/21	10: 12: 14	43	0.1	200	20.2	2000	1880 G	26.2268	84.57544	Normal
4/5/21	10: 12: 14	43	0.1	270	30.3	2700	2452 G	26.22788	84.57614	Normal
4/5/21	10: 12: 14	43	0.1	190	20.2	1900	1799 G	26.23507	84.57623	Normal
4/5/21	10: 12: 49	43	0.1	220	20.2	2200	2044 G	26.2442	84.57626	Normal
4/5/21	10: 13: 0	43	0.1	260	20.2	2600	2370 G	26.24987	84.57646	Normal
4/5/21	10: 13: 0	43	0.1	130	20.2	1300	1309 G	26.2557	84.57593	Normal
4/5/21	10: 13: 25	43	0.1	190	30.3	1900	1799 G	26.26058	84.57554	Normal
4/5/21	10: 13: 25	43	0.1	270	30.3	2700	2452 G	26.25805	84.5746	Normal
4/5/21	10: 13: 25	43	0.1	270	30.3	2700	2452 G	26.25355	84.57384	Normal
4/5/21	10: 13: 25	43	0.1	80	10.1	800	901 G	26.2531	84.57293	Speed Breaker
4/5/21	10: 14: 0	43	0.1	230	10.1	2300	2125 G	26.24728	84.57222	Normal
4/5/21	10: 14: 0	43	0.1	260	20.2	2600	2370 G	26.2399	84.57199	Normal

$$Y = 0 * X^2 + 0.816 * X + 249$$

$$X = 2802$$

$$Y = 2526$$

(R) RURAL ROAD

Good Average Poor

4001-5000 >5001

26.13987 84.57194 Normal

26.148 84.57182 Normal

26.15445 84.57162 Normal

26.1624 84.57197 Normal

26.16837 84.57264 Normal

26.17795 84.57323 Normal

26.1816 84.57386 Normal

26.18775 84.57436 Normal

26.189 84.57542 Normal

26.19487 84.57581 Normal

26.20195 84.5753 Speed Breaker

26.20685 84.57473 Normal

26.21247 84.57498 Normal

26.21945 84.57512 Speed Breaker

26.2268 84.57544 Normal

26.22788 84.57614 Normal

26.23507 84.57623 Normal

26.2442 84.57626 Normal

26.24987 84.57646 Normal

26.2557 84.57593 Normal

26.26058 84.57554 Normal

26.25805 84.5746 Normal

26.25355 84.57384 Normal

26.2531 84.57293 Speed Breaker

26.24728 84.57222 Normal

26.2399 84.57199 Normal

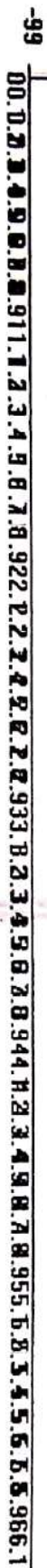
RPSC  
4-5-2021  
NE  
0410512021 Exm.  
JTE

4/5/21	10:14:0	43	0.1	240	10.1	2400	2207 G	26.23375	84.57168	Speed Breaker
4/5/21	10:14:35	43	0.1	270	20.2	2700	2452 G	26.23472	84.57049	Normal
4/5/21	10:14:35	43	0.1	110	30.3	1100	1146 G	26.23563	84.56956	Normal
4/5/21	10:14:35	43	0.1	100	30.3	1000	1064 G	26.23392	84.5688	Normal
4/5/21	10:15:11	43	0.1	230	10.1	2300	2125 G	26.22832	84.56783	Speed Breaker
4/5/21	10:15:11	43	0.1	260	30.3	2600	2370 G	26.22385	84.56697	Normal
4/5/21	10:15:11	43	0.1	120	30.3	1200	1228 G	26.21753	84.5665	Normal
4/5/21	10:16:32	43	0.1	130	20.2	1300	1309 G	26.21387	84.56441	Normal
4/5/21	10:17:0	43	0.1	210	40.4	2100	1962 G	26.24115	84.57623	Normal
4/5/21	10:17:10	43	0.1	280	40.4	2800	2533 G	26.23565	84.57737	Normal
4/5/21	10:17:35	43	0.1	120	30.3	1200	1228 G	26.23125	84.57825	Normal
4/5/21	10:17:52	43	0.1	150	30.3	1500	1472 G	26.21893	84.57859	Normal
4/5/21	10:18:14	43	0.1	140	30.3	1400	1391 G	26.21227	84.57842	Normal
4/5/21	10:18:24	43	0.1	240	40.4	2400	2207 G	26.20413	84.5783	Normal
4/5/21	10:18:29	43	0.1	290	40.4	2900	2615 G	26.19682	84.57854	Normal
4/5/21	10:18:40	43	0.1	100	40.4	1000	1064 G	26.19575	84.57934	Normal
4/5/21	10:18:49	43	0.1	270	30.3	2700	2452 G	26.19358	84.57998	Normal
4/5/21	10:18:55	43	0.1	240	10.1	2400	2207 G	26.18937	84.5804	Speed Breaker
4/5/21	10:19:10	43	0.1	100	30.3	1000	1064 G	26.18788	84.5812	Normal
4/5/21	10:19:30	43	0.1	150	30.3	1500	1472 G	26.18662	84.58187	Normal
4/5/21	10:19:35	43	0.1	260	30.3	2600	2370 G	26.185	84.58278	Normal
4/5/21	10:19:50	43	0.1	180	30.3	1800	1717 G	26.18365	84.58375	Normal
4/5/21	10:20:0	43	0.1	210	30.3	2100	1962 G	26.17435	84.58367	Normal
4/5/21	10:20:10	43	0.1	210	10.1	2100	1962 G	26.16582	84.5835	Speed Breaker
4/5/21	10:20:10	43	0.1	180	40.4	1800	1717 G	26.15873	84.58338	Curve
4/5/21	10:20:15	43	0.1	120	30.3	1200	1228 G	26.15705	84.58327	Normal
4/5/21	10:20:45	43	0.1	220	10.1	2200	2222 G	26.1527	84.58404	Normal

~~6/11/2021~~  
 04/05/2021  
 JE  
 RP Smi  
 4-5-2021  
 AE  
 Ekmp.



Name of Customer: Satendra Upadhyay, Name of Work/ Road : T02 to Gangwa, Lab Job number : 43



~~Galina  
04/05/2021  
JE~~

RP Sn  
4-5-2021  
AE  
EKma.

MR.N/19-20CHAPRA-2/11

MR.N/19-20-3341

TO2 TO GANGLA

Schedule XLV Form No. 134.

पञ्जाब प्रान्त - ०११३८८-२०२१

सुपरीकटि: श्री राज्यसुपरीकटि

श्री राज सुपरीकटि श्री राज्यसुपरीकटि

DIVISION

पञ्जाब

SUB-DIVISION

Measurement Book

MR.N/19-20-3341



2nd and final A/c bill

13

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -	T-2 to Ghangwa				
Name of Agency -	Satyendra Prasad				
Agreement no -	01 MBD 2021				
Date of start of work -	06/03/2020				
Date of completion -	05/03/2021				
Measurement					
1. const. of subgrade & earthen shoulders					
do					
2. [2 x 2.44 x 25 x 0.70 x 0.30 = 2562m <sup>3</sup>					
kilometer stone					
Reinforced concrete m-15					
grade kilometer					
do					
(i) km stone -				ant	7 NO.
(ii) 200m stone -				ant	25 NO.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Direction and Place identification signs - do -					
2 x 1.20 x 0.80 - ant =					1.92 m <sup>2</sup>
(4) Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign - do -					
(i) 600mm equilateral triangle = 20 No.					
(ii) 600mm circular board = 8 No.					
(iii) 600mm x 450mm rectangular board = 8 No.					
(5) Boundary pillar Reinforced cement concrete M-15 grade boundary pillars - do - ant = 36 No.					
(6) Planting of trees by the road side - do - ant = 290 No.					
(7) Road marking Providing and Laying of hot applied Thermoplastic - do -					

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
RP 8 <sup>th</sup>					Ant = 122
[2 x 244 x 25 x 0.10 =					1220 m <sup>2</sup>
(8) Providing and fixing of typical masonry					
informatory signboard					
do					
					Ant = 4 No.
(9) Brick masonry work in parapet					
do					
2 x 6.0 x 0.40 x 0.60 =					2.88 m <sup>3</sup>
for 3 No. of culvert					3 x 2.88 = 8.64 m <sup>3</sup>
(10) Plastering with cement mortar on brick work					
side face	4.0 x 6.0 x 0.60 =				14.40
Top	2.0 x 6.0 x 0.40 =				4.80
Front face	4.0 x 0.40 x 0.60 =				0.96
					Total 20.16 m <sup>2</sup>
for 3 No. of culvert					3 x 20.16 = 60.48 m <sup>2</sup>
(11) Painting two coats - do -					
side face	4.0 x 4.0 x 0.60 =				9.6
Top	2.0 x 4.0 x 0.60 =				4.80
Front	4.0 x 0.40 x 0.60 =				0.96
					Total 58.56 m <sup>2</sup>
for 3 No. of culvert					3 x 58.56 = 175.68 m <sup>2</sup>
<div style="display: flex; justify-content: space-between;"> <div>           Gravel 22/6/2021 JE         </div> <div>           RP 8<sup>th</sup> 2-6-2021 AE Ekm.         </div> </div>					

# Abstract of cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. const. of granular subbase					
- - - do - - -					
amt = 98.34 m <sup>3</sup> Page-(2)					
item - (1) @ Rs 2309.30/m <sup>3</sup>					
					= Rs 227097-
2. WBM gr - II					
amt = 94.96 m <sup>3</sup> vide					
TMB Page-(4) item-(2)					
@ Rs 4302.95/m <sup>3</sup> = Rs 408608					
3. WBM gr - III					
amt = 166.08 m <sup>3</sup>					
Page-(6) item-(3)					
@ Rs 3845.35/m <sup>3</sup> = Rs 638636-					
4. clearing and grubbing road land - - do -					
amt = 1.22 Hect					
P-(7) item-(4)					
@ Rs 49496.70/Hect =					
					Rs 60386-
5. Prime coat					
amt = 2214.36 m <sup>2</sup>					
P-(7) item-(5)					
@ Rs 41.57/m <sup>2</sup> = Rs 92051-					
6. Tack coat					
amt = 2679.36 m <sup>2</sup>					
P-(7) item-(6)					
@ Rs 14.09/m <sup>2</sup> = Rs 37752-					

Continuation

40 Rs 1464530-



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Patchwork over worn Providing laying and rolling of close graded premix - - do - -					
amt = 2679.36 m <sup>2</sup>					
P- ⑧ item - ⑦					
@ Rs 229.39/m <sup>2</sup> = Rs 614618 =					
⑧ Tack coat					
amt = 22875 m <sup>2</sup>					
P- ⑧ item - ⑧					
@ Rs 12.25/m <sup>2</sup> = Rs 280219 =					
⑨ SDBC providing and laying cement bituminous concrete - - do - -					
amt 2571.875 m <sup>3</sup> P- ⑨					
item - ⑨ @ Rs 11077.88/m <sup>3</sup>					
= Rs 6335163 =					
⑩ const. of subgrade & earthen shoulders - - do - -					
amt = 2562 m <sup>3</sup> P- ⑪					
item - ⑪ @ Rs 176.96/m <sup>3</sup> = Rs 453371.					

Continuation

C/o Rs 9147901 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) kilometer stone					
(i) Km stone					
ent = 7 No. P- (13)					
item - 2 (i)					
@ Rs 2307.95 / No = Rs 16155=					
(ii) 200 m stone					
ent = 25 No. P- (13)					
item 2 (ii)					
@ Rs 635.57 / No. = Rs 15889=					
(12) Direction and place identification					
work - do -					
ent = 1.92 m <sup>2</sup>					
P- (14) item - (3)					
@ Rs 12363.90 / m <sup>2</sup> Rs 237382					
(13) Providing & fixing of retro-reflectors					
cautionary, mandatory and information sign board - do -					
(i) 600 mm equilateral triangle					
ent = 20 No. P- (14)					
item - 4 (i) @ Rs 3663.68					
@ Rs 732732					



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600mm circular board - do - -					
ant = 8 No. P- (14)					
item - 4(ii)					
@ Rs 3763.03 / No. = Rs 30104=					
(iii) 600mm x 450mm rectangular board					
ant = 8 No. P- (14)					
item - (iii) @ Rs 3633.91					
					= Rs 29071=
(14) Boundary pillar					
- do - -					
ant = 36 No. P- (14)					
item - (5) @ Rs 508.18					
					= Rs 18294=
(15) Planting of trees					
- do - -					
ant = <sup>290</sup> <del>290</del> No. P- (14)					
item - (15) @ Rs 800.30					
					232087
					= Rs 244091=
(16) Road marking					
Providing and laying of hot applied Thermo-plastic - do - -					
ant = 1220m <sup>2</sup> P- (14)					
item - (7) @ Rs 735.40 =					
					Rs 897188=

Continuation

+0495704=

C/o Rs 10483700=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Provisioning & fixing of typical mm 459 informelory sign board					
- do -					
Qnt = 4/140. P- (15)					
item - (8) @ Rs 9355.67					
					= Rs 37422 =
(18) Brick masonry work in parapet - do					
Qnt = 8.64 m <sup>3</sup> P- (15)					
item - (9) @ Rs 5102.55					
					= Rs 440862
(19) Plastering with cement mortar on brick work					
- do -					
Qnt = 60.48 m <sup>2</sup> P- (15)					
item - (10) @ Rs 149.15					
					= Rs 9020 =
(20) Painting two coats - do -					
Qnt = 175.68 P- (15)					
item - (11) @ Rs 95.63					
					= Rs 16800 =
					Total Rs 10603032
					105910282
Add GST- 12% - (+)					Rs 1272364
Add Labour less 1% - (+)					Rs 106030 =
					Total Rs 11981426 =
Add GST- 12% - (+)					Rs 1270923 =
Add Labour less 1% - (+)					Rs 105910 =
					Total Rs 11967861 =
less previous bill amount of					Rs 9824784
					Total Rs 2143077 =
By <u>RP</u> <u>2-6-2021</u>					
By <u>AC</u>					
By <u>EC</u>					
Continuation					

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