

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

पत्रांक 1203 (अनु०)

छपरा/दिनांक 28/06/2022

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, छपरा-2

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
बिहार ग्रामीण पथ विकास अधिकरण (ब्रांडा),
बिहार, पटना।

विषय:-

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

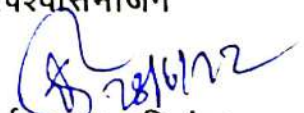
महाशय,

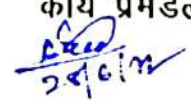
उपर्युक्त विषय के संबंध में कहना है कि नई अनुरक्षण नीति 2018 (Head - 3054) योजना अंतर्गत 01 (एक) पथ में राशि का अधियाचना विहित प्रपत्र में तैयार कर माप पुस्त की छायाप्रति एवं Bump Indecator का Reading संलग्न कर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

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।

अनु०:- यथोक्त।

विश्वासभाजन


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, छपरा 2


28/06/22

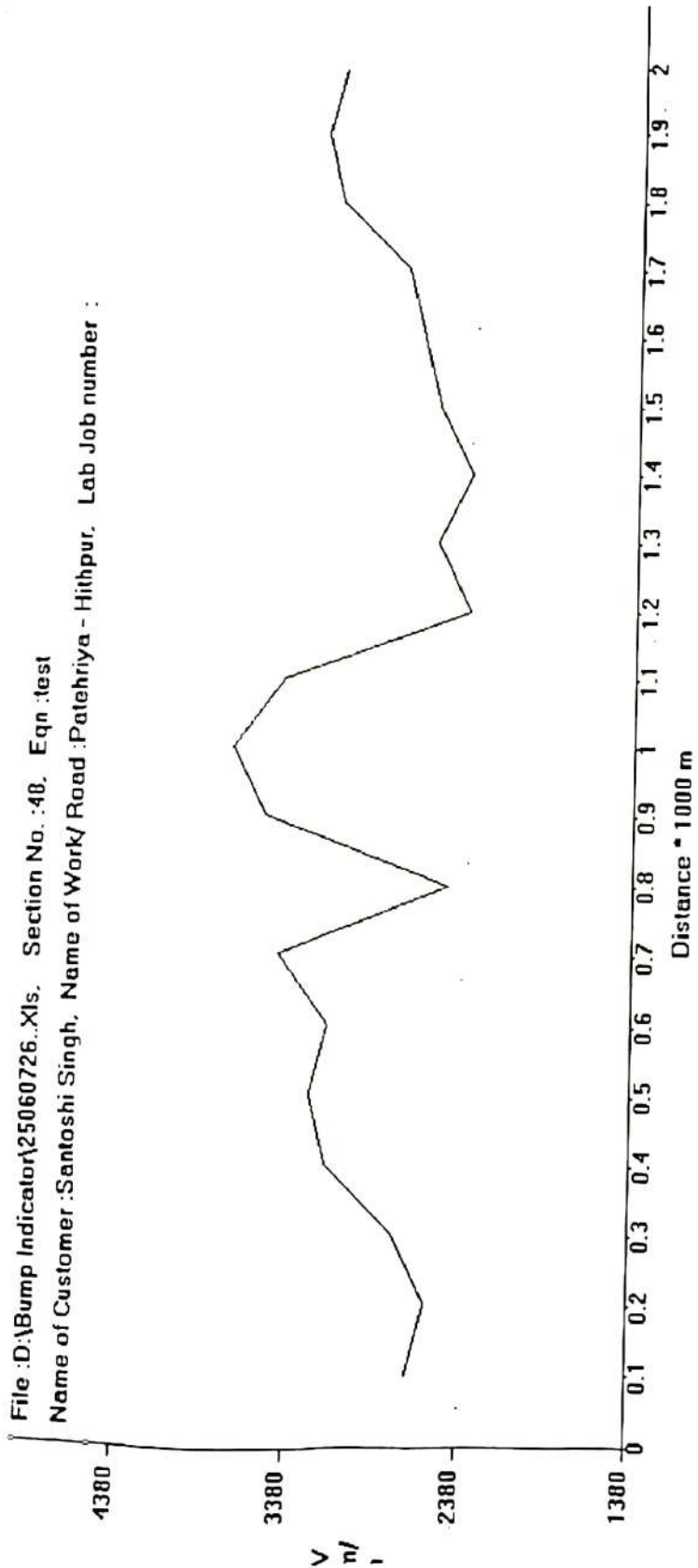
Requisition Format for Scheme Head :- MR (3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)

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 Allotted 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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MR-N/19-20 Chapra-2/20	Patheriya to Hitpur	31306302071	Lt. No. 3388 Dated 02.08.19	2.000	73.17300	46.42922	21.95357	117/MBD/20 20-21	05.07.22	05.07.22	2965.250	25.00	5%	0.00000	0.00000	38.08677	MB No. 3456, Page No. 01 to 10


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

File : D:\Bump Indicator\25060726.Xls. Section No. : 48, Eqn : test
 Name of Customer : Santoshi Singh, Name of Work/ Road : Patehriya - Hithpur, Lab Job number :



(Signature)

(Signature)
 25/6/22

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमंडल, छपरा-2

CONT. NAME:- SANTOSHI SINGH

ROAD NAME:- Patehriya - Hithpur

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY	Latitude	Longitude	Event
25/6/22	6:44:0	48	0.1	220	10.1	2200	2675	G ROAD	26.013234	84.637719	Normal
25/6/22	6:44:17	48	0.1	210	10.1	2100	2577	G	26.013456	84.637854	Normal
25/6/22	6:45:0	48	0.1	230	10.1	2300	2773	G	26.013867	84.637850	Normal
25/6/22	6:45:28	48	0.1	270	10.1	2700	3167	G	26.014393	84.637886	Normal
25/6/22	6:45:28	48	0.1	280	10.1	2800	3265	G	26.015204	84.638	Normal
25/6/22	6:46:3	48	0.1	270	10.1	2700	3167	G	26.015607	84.638131	Normal
25/6/22	6:47:0	48	0.1	300	10.1	3000	3462	G	26.016504	84.638225	Normal
25/6/22	6:47:14	48	0.1	200	10.1	2000	2478	G	26.017152	84.638405	Normal
25/6/22	6:47:49	48	0.1	230	10.1	3100	3561	G	26.018042	84.638374	Normal
25/6/22	6:48:0	48	0.1	270	10.1	3300	3757	G	26.018356	84.638206	Normal
25/6/22	6:48:24	48	0.1	210	10.1	3000	3462	G	26.019153	84.638439	Normal
25/6/22	6:49:0	48	0.1	190	10.1	1900	2380	G	26.020012	84.638613	Normal
25/6/22	6:49:35	48	0.1	210	10.1	2100	2577	G	26.02113	84.638735	Normal
25/6/22	6:50:0	48	0.1	190	10.1	1900	2380	G	26.022327	84.638919	Normal
25/6/22	6:50:10	48	0.1	210	10.1	2100	2577	G	26.023878	84.639155	Normal
25/6/22	6:54:17	48	0.1	220	10.1	2200	2675	G	26.024829	84.639022	Normal
25/6/22	6:54:17	48	0.1	230	10.1	2300	2773	G	26.025126	84.638925	Normal
25/6/22	6:55:0	48	0.1	270	10.1	2700	3167	G	26.025560	84.638840	Normal
25/6/22	6:55:28	48	0.1	280	10.1	2800	3265	G	26.026345	84.638712	Normal
25/6/22	6:56:0	48	0.1	270	10.1	2700	3167	G	26.027186	84.638636	Normal
AVERAGE							2965.25				

25/6/22

25/6/22

कार्यपालक अभियन्ता
ग्रामाणा कार्य विभाग
स्वायं प्रमंडल, छपरा-2

PAR-N/19-20 Chabara-2/20

PAR.B.NO. 3456

Pateeharaya to Hithbuz.

Schedule XLV-Form No. 134

Ag.No.

Cont. Santoshi Singh.

DIVISION

Sri. Ram Dukar Singh. (A.E)

SUB-DIVISION

Lahlabuz.

MEASUREMENT BOOK

PAR.B.NO-3456

[illegible]

L(mm)	W(mm)	H(mm) = Q(mm³)
6.60	x 2.46	x 0.175 = 2.841
7.40	x 2.46	x 0.175 = 3.186
6.93	x 1.89	x 0.175 = 2.292
11.82	x 2.46	x 0.175 = 5.089
11.55	x 2.83	x 0.175 = 5.720
25.34	x 1.51	x 0.175 = 6.696
17.36	x 1.78	x 0.175 = 5.408
11.55	x 1.70	x 0.175 = 3.436
5.87	x 1.89	x 0.175 = 1.942
10.52	x 2.68	x 0.175 = 4.934
6.07	x 2.68	x 0.175 = 2.847

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20.15	x	1.89	x	0.175	= 6.665
17.66	x	2.60	x	0.175	= 8.035
6.44	x	1.13	x	0.175	= 1.274
6.07	x	2.30	x	0.175	= 2.443
11.70	x	2.30	x	0.175	= 4.709
				Total =	67.516
					m ³
2. WBM 9E-II Providing, laying, spreading and compacting stone aggregates - - - do - - -					
L(m)		W(m)		H(m)	= C(m ³)
7.85	x	2.50	x	0.075	= 1.472
8.65	x	2.50	x	0.075	= 1.622
8.18	x	1.93	x	0.075	= 1.184
13.07	x	2.50	x	0.075	= 2.451
12.80	x	2.87	x	0.075	= 2.755
26.59	x	1.55	x	0.075	= 3.091
18.61	x	1.82	x	0.075	= 2.540
12.80	x	1.74	x	0.075	= 1.670
7.12	x	1.93	x	0.075	= 1.031
11.77	x	2.72	x	0.075	= 2.401
7.32	x	2.72	x	0.075	= 1.493
21.40	x	1.93	x	0.075	= 3.098
18.91	x	2.64	x	0.075	= 3.744
7.69	x	1.17	x	0.075	= 0.675
7.32	x	2.34	x	0.075	= 1.285
13.07	x	2.34	x	0.075	= 2.294
10.02	x	1.55	x	0.075	= 1.165

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10.19 x	1.12	x	0.075	= 0.856	
9.82 x	2.29	x	0.075	= 1.687	
15.57 x	2.29	x	0.075	= 2.674	
12.52 x	1.50	x	0.075	= 1.409	
9.82 x	2.45	x	0.075	= 1.804	
21.41 x	2.36	x	0.075	= 3.790	
17.16 x	2.45	x	0.075	= 3.153	
26.96 x	1.69	x	0.075	= 3.417	
20.38 x	2.59	x	0.075	= 3.959	
9.09 x	1.88	x	0.075	= 1.282	
27.29 x	2.67	x	0.075	= 5.465	
27.29 x	1.88	x	0.075	= 3.848	
12.64 x	2.45	x	0.075	= 2.323	
21.86 x	2.82	x	0.075	= 4.623	
21.41 x	1.50	x	0.075	= 2.409	
38.69 x	1.77	x	0.075	= 5.136	
28.65 x	1.69	x	0.075	= 3.631	
			Total	= 84.742	
				m ³	
<u>4. clearing & grubbing road</u>					
Land	-	-	-	-	
2 x 80 x 25 x 1.0				= 4000m ²	
= 4000 m ²				= 0.40 hect	
10000				∴ cont = 0.40 hect	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. Emulsion of subgrade					
and earth shoulder					
- - - do - - -					
2X 80X25X0.70X0.30					840 m ³
					= 840 m ³
6. Prime coat					
Providing & applying					
primer coat with					
bitumen emulsion					
SS-1					
- - - do - - -					
Area used for prime					
coat is same as					
area used for					
WBM gr-II P-(4)					
item - (3) =					84.742 m ³
					0.075 m
					∴ cont = 1129.89 m ³
7. Tack coat					
Providing & applying					
tack coat with bitumen					
emulsion (RS-1)					
- - - do - - -					
Area used for tack					
coat is same as					
area used for prime					
coat =					1129.89
P-5 item - (6)					∴ cont = 1129.89 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Patch work over WBM using mss					
— do —					
Area used for mss is same as area used for tack coat					
P-⑤ item-⑦ =					1129.89m ²
⑨ Tack coat					
Providing & applying tack coat with					
(RS-1) — do —					
28 X 25 X 3.75 =					2625m ²
32 X 25 X 3.80 =					3040m ²
12 X 25 X 3.70 =					1110m ²
4 X 25 X 3.65 =					365m ²
4 X 25 X 3.60 =					360m ²
Total =					7500m ²
⑩ SDBC					
Providing and laying semidense bituminous concrete — do —					
Area used for SDBC is same as area used for tack coat					
P-⑥ item-⑨ =					7500m ²
∴ Amt = 7500m ² X 0.025 =					187.50m ³
∴ Amt =					187.50m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Planting of trees by the road side - do				ent	10 No.
(12) Prividing and fixing of typical masonry informality sign board - do				ent	1 No.
6 Singh 24/06/22 JE					
Material statement					
(1) E/W =	840 m ³				
(2) stone metal aggregates =	224.36 m ³				
(3) Local sand =	34.56 m ³				
(4) stone screening =	35.723 m ³				
(5) Bitumen emulsion (SS-1) =	0.95556 MT				
(6) Bitumen emulsion (RS-1) =	1.981 MT				
(7) Bitumen material (vg-10) =	23.780 MT				
(8) crushed stone aggregates =	297.814 m ³				
6 Singh 24/06/22 JE					

Continuation

Abstract of cost

8

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Const. of granular subbase			do		
amt = 67.516 m ³				P-(2)	
item - (1) @ Rs 2263.31/m ³					
				= Rs	152810 =
2. WBM gr. - II					
do					
amt = 57.841 m ³				P-(3)	
item - (2) @ Rs 4205.37/m ³					
				= Rs	243243 =
③ WBM gr. - III					
do					
amt = 84.742 m ³				P-(4)	
item - (3) @ Rs 3758.52/m ³					
				= Rs	318505 =
④ clearing & grubbing road			do		
amt = 0.40 hect				P-(4)	
item - (4) @ Rs 49496.70					
				= Rs	19799 =
⑤ const. of subgrade & earthen shoulder					
do					
amt = 840 m ³				P-(5)	
item - (5) @ Rs 176.96/m ³					
				= Rs	148646 =

tion

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
— — — do — — —					
ant =	1129.89 m ²	P-	⑤		
item -	⑥ @	Rs 41.48 / m ²			
				2 Rs	46868:-
⑦ Tack coat					
— — — do — — —					
ant =	1129.89 m ²	P-	⑤		
item -	⑦ @	Rs 14.06 / m ²	Rs		15886:-
⑧ patch work over WBM					
using m.s.s					
— — — do — — —					
ant =	1129.89 m ²	P-	⑥		
item -	⑧ @	Rs 227.54 / m ²			
				2 Rs	257095:-
⑨ Tack coat					
— — — do — — —					
ant =	7500 m ²	P-	⑥		
item -	⑨ @	Rs 12.23 / m ²			
				2 Rs	91725:-
⑩ SDBC					
Providing & laying					
semicircular bituminous					
concrete — — — do — — —					
ant =	7500 m ²	P-	⑥		
item -	⑩ @				
				3	
ant =	187.50 m	P-	⑥		

Continuation

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