

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

पत्रांक 1162(अनु०)

छपरा/दिनांक 17/06/2022

प्रेषक,

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

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
बिहार ग्रामीण पथ विकास अधिकरण (ब्राड),
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 03 (तीन) पथों 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

17/6/22

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

Acl
17/6/22

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

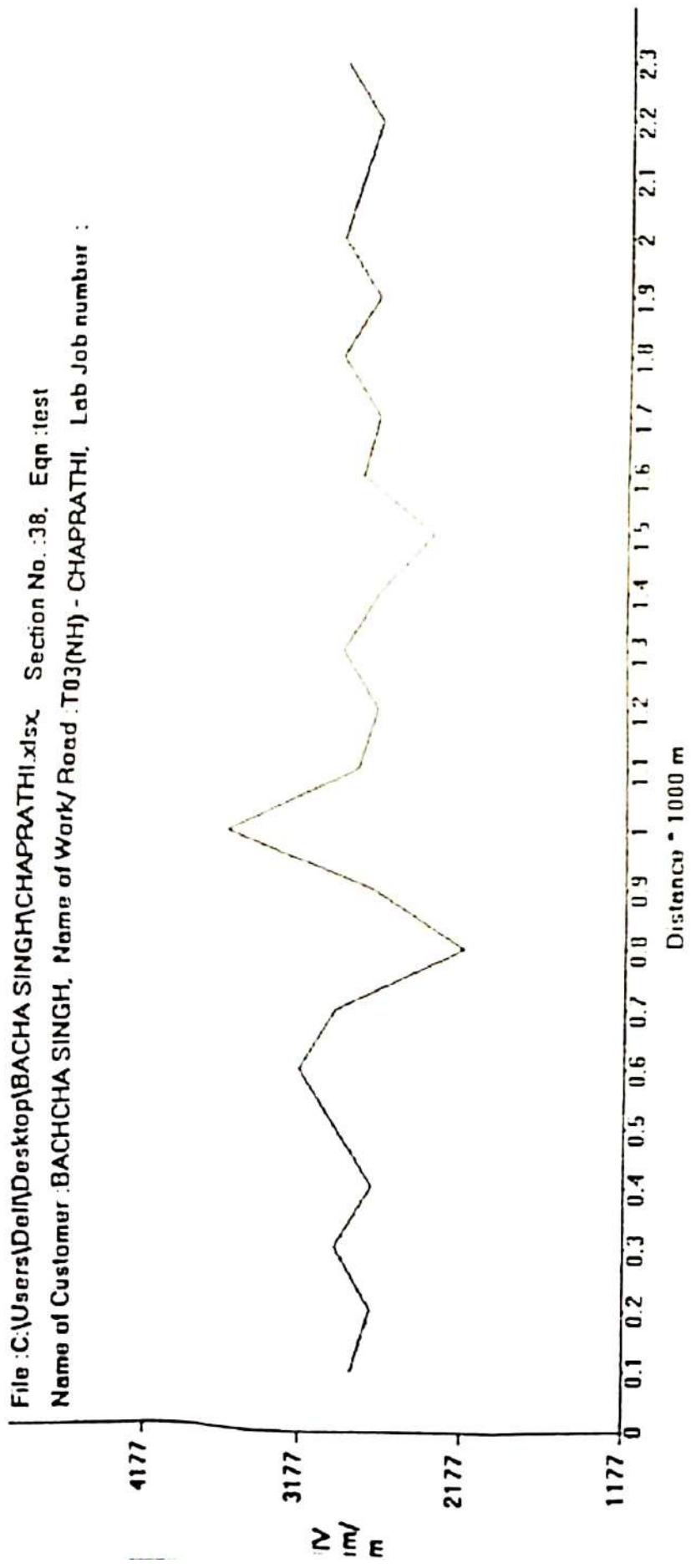
Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm.km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total 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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MR-N/19-20 Chapra-2/10	Hanumanpur to Teliadhi	31306302037	Lt. No. 3388 Dated 02.08.19	1.062	35.76380	23.30764	9.92450	86/MBID/2020-21	22.09.21	08.01.22	1242.545	25.00	5%	19.03221	18.91715	4.21283	MB No. 3399, Page No. 11 to 19
2	MR-N/19-20 Chapra-2/10	T03 (NH) to Chaprahi	NEA220001890	Lt. No. 3388 Dated 02.08.19	2.250	79.94870	50.71553	23.96290	86/MBID/2020-21	22.09.21	BT Complete	2853.480	25.00	5%	0.00	0.00	41.51970	MB No. 3401, Page No. 01 to 09
3	MR-N/19-20 Chapra-2/08	Jamanpura to Khajwan	NEA220001887	Lt. No. 3388 Dated 02.08.19	3.200	110.70300	69.75808	33.16753	113/MBID/2020-21	09.02.22	BT Complete	2589.250	25.00	5%	0.00	0.00	59.64603	MB No. 3418, Page No. 01 to 11

8/11/22

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

A22
17/11/22

File : C:\Users\Dei\Desktop\BACHA SINGH\CHAPRATHI.xlsx Section No. : 38, Eqn : test
 Name of Customer : BACHCHA SINGH, Name of Work/ Road : T03(NH) - CHAPRATHI, Lab Job number :



g Singh
 17/08/22
 JE

22/09/22
 17/08/22
 17/08/22
 17/08/22

CONT. NAME:- BACHCHA SINGH
ROAD NAME:- T03 (NH) - CHAPRATHI

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY	Latitude	Longitude	Event
17/6/22	6:44:0	38	0.1	240	10.1	2400	2858 G	ROAD	26.028222	84.490057	Normal
17/6/22	6:44:17	38	0.1	230	10.1	2300	2745 G		26.028251	84.489816	Normal
17/6/22	6:45:0	38	0.1	250	10.1	2500	2972 G		26.028324	84.489523	Speed Breaker
17/6/22	6:45:28	38	0.1	230	10.1	2300	2745 G		26.028563	84.489226	Normal
17/6/22	6:45:28	38	0.1	250	10.1	2500	2972 G		26.02856	84.48922	Normal
17/6/22	6:46:3	38	0.1	270	0	2700	3199 G		26.028744	84.489050	Normal
17/6/22	6:47:0	38	0.1	250	10.1	2500	2972 G		26.028897	84.488915	Normal
17/6/22	6:47:14	38	0.1	180	10.1	1800	2177 G		26.028491	84.489631	Normal
17/6/22	6:47:49	38	0.1	230	10.1	2300	2745 G		26.02849	84.48963	Normal
17/6/22	6:48:0	38	0.1	310	0	3100	3654 G		26.028705	84.488792	Normal
17/6/22	6:48:24	38	0.1	240	10.1	2400	2858 G		26.029107	84.488205	Normal
17/6/22	6:49:0	38	0.1	230	10.1	2300	2745 G		26.029909	84.487107	Normal
17/6/22	6:49:35	38	0.1	250	10.1	2500	2972 G		26.030122	84.486782	Normal
17/6/22	6:50:0	38	0.1	230	10.1	2300	2745 G		26.030514	84.486992	Normal
17/6/22	6:50:10	38	0.1	200	20.2	2000	2404 G		26.030612	84.487044	Normal
17/6/22	6:54:17	38	0.1	240	10.1	2400	2858 G		26.030736	84.485149	Normal
17/6/22	6:54:17	38	0.1	230	10.1	2300	2745 G		26.030812	84.484982	Normal
17/6/22	6:55:0	38	0.1	250	10.1	2500	2972 G		26.030998	84.484996	Normal
17/6/22	6:55:28	38	0.1	230	10.1	2300	2745 G		26.031105	84.483605	Speed Breaker
17/6/22	6:56:0	38	0.1	250	10.1	2500	2972 G		26.0311	84.4836	Normal
17/6/22	6:56:3	38	0.1	240	10.1	2400	2858 G		26.031198	84.483112	Normal
17/6/22	6:56:38	38	0.1	230	10.1	2300	2745 G		26.031231	84.482690	Speed Breaker
17/6/22	7:4:27	38	0.05	250	10.1	2500	2972 G		26.031568	84.482153	Normal
AVERAGE							2853.48				

(Signature)
17/6/22
BACHCHA SINGH
17/6/22

(Signature)
17/6/22
JE

PR-119-20 Ch-589-2/10

PR-119-20-3401

Schedule XLY-Form No. 134

103 (N.H) 27-442127 441

2021/11/11/20-86/11132/20-21

2021-27 9241 1242

27-11/11/20 27-442127 441

2021/11/11/20-86/11132/20-21

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

PR-119-20-3401

(These four lines should be repeated at the commencement of the measurement relating to each work)

[illegible]

1. const. of granular culture
do
as per tech. specification

L(m)	W(m)	H(m) = $\Phi(m^3)$
9.80	$\times 2.93$	$\times 0.175 = 5.625$
3.15	$\times 2.25$	$\times 0.675 = 1.240$
13.87	$\times 2.25$	$\times 0.175 = 5.461$
13.87	$\times 2.93$	$\times 0.175 = 7.112$
13 5.24	$\times 2.70$	$\times 0.175 = 2.476$
10.66	$\times 2.03$	$\times 0.175 = 3.787$
10.40	$\times 2.93$	$\times 0.175 = 5.333$
6.20	$\times 2.25$	$\times 0.175 = 2.441$
6.29	$\times 2.93$	$\times 0.175 = 3.225$
11.45	$\times 2.93$	$\times 0.175 = 5.871$
4.89	$\times 2.25$	$\times 0.175 = 1.925$
8.36	$\times 2.93$	$\times 0.175 = 4.287$
9.16	$\times 3.38$	$\times 0.175 = 5.418$

$$\text{Total} = 53.601 \text{ m}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2. WBM 72-8 II, Providing, laying, spreading and compaction of stone aggregates - do -					
2(m)		W(m)		H(m)	$\phi(m^3)$
10.80	x	2.97	x	0.075	= 2.406
4.15	x	2.29	x	0.075	= 0.713
14.87	x	2.29	x	0.075	= 2.554
14.87	x	2.97	x	0.075	= 3.312
6.24	x	2.74	x	0.075	= 1.282
11.66	x	2.07	x	0.075	= 1.810
11.40	x	2.97	x	0.075	= 2.539
7.20	x	2.29	x	0.075	= 1.237
7.29	x	2.97	x	0.075	= 1.624
12.45	x	2.97	x	0.075	= 2.775
5.89	x	2.29	x	0.075	= 1.012
9.36	x	2.97	x	0.075	= 2.085
9.16	x	3.42	x	0.075	= 2.350
6.87	x	1.84	x	0.075	= 0.948
13.28	x	2.16	x	0.075	= 2.157
9.16	x	2.07	x	0.075	= 1.422
5.16	x	2.29	x	0.075	= 0.886
8.44	x	3.24	x	0.075	= 2.057
5.29	x	3.24	x	0.075	= 1.285
15.25	x	2.29	x	0.075	= 2.619
13.49	x	3.15	x	0.075	= 3.187
5.29	x	2.79	x	0.075	= 1.107
9.36	x	2.79	x	0.075	= 1.954
13.49	x	2.88	x	0.075	= 2.914
10.49	x	2.97	x	0.075	= 2.337
17.41	x	2.04	x	0.075	= 2.703
Continuation					
Total =					51.266
					m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. WBM ge-ii Providing, laying, spreading and compacting store aggregates - do -					
L(m)		W(m)		H(m)	= $\phi(m^3)$
13.30	x	2.92	x	0.075	= 2.913
6.65	x	2.24	x	0.075	= 1.117
17.37	x	2.24	x	0.075	= 2.918
17.37	x	2.92	x	0.075	= 3.804
8.74	x	2.69	x	0.075	= 1.763
14.16	x	2.02	x	0.075	= 2.145
13.90	x	2.92	x	0.075	= 3.044
9.70	x	2.24	x	0.075	= 1.630
9.79	x	2.92	x	0.075	= 2.144
14.95	x	2.92	x	0.075	= 3.274
8.39	x	2.24	x	0.075	= 1.410
11.86	x	2.92	x	0.075	= 5.597
11.66	x	3.37	x	0.075	= 2.947
9.37	x	1.79	x	0.075	= 1.258
15.78	x	2.11	x	0.075	= 2.497
11.66	x	2.02	x	0.075	= 1.766
7.66	x	2.24	x	0.075	= 1.287
10.94	x	3.19	x	0.075	= 2.617
7.79	x	3.19	x	0.075	= 1.864
17.75	x	2.24	x	0.075	= 2.982
15.99	x	3.10	x	0.075	= 3.718
8.66	x	1.34	x	0.075	= 0.810
7.79	x	2.74	x	0.075	= 1.601

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11.86	x	2.74	x	0.075	= 2.437
9.70	x	1.79	x	0.075	= 1.302
7.79	x	2.92	x	0.075	= 1.706
15.99	x	2.83	x	0.075	= 3.394
12.99	x	2.92	x	0.075	= 2.845
19.91	x	2.02	x	0.075	= 3.016
15.26	x	3.10	x	0.075	= 3.548
7.27	x	2.24	x	0.075	= 1.221
20.14	x	3.19	x	0.075	= 4.818
20.14	x	2.24	x	0.075	= 3.384
9.79	x	2.92	x	0.075	= 2.144
7.85	x	3.37	x	0.075	= 1.984

15.99	x	1.79	x	0.075	= 2.147
28.21	x	2.11	x	0.075	= 4.464
Total =					90.517
					m ³

4. clearing and grubbing					
road land - do -					
2x	90x	25x	1.0	=	4500m ²
	4500			=	0.45hect
	10000				
					∴ cont = 0.45hectare

(5) cost of subgrade and					
carthen shoulders					
-	-	do	-	-	-
2x	90x	25x	0.70x	0.30	= 945m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6. Prime coat					
Providing and applying					
primer coat with bitumen					
emulsion (SS-1)					
— do —					
Area used for prime					
coat is same as					
area used in WBMge-III					
P- (4) item- (3)					
= $90.517m^3$					
$0.075m$					
					$= 1206.89m^2$
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 P- (5) item- (6)					
+ 6×3.75					
= $1206.89m^2$					
+ $22.50m^2$					
= $1229.39m^2$					
∴ total = $1229.39m^2$					
⑧ Patch work over WBM					
using mss - do -					
Area used for patch					
work over WBM with					
mss is same as area					
used for tack coat					
P- (5) item- (7)					
					$= 1229.39m^2$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Tack coat					
Providing & applying					
tack coat with bitumen					
emulsion (RS-1)					
do					
56 X 25 X 3.75				=	5250m ²
24 X 25 X 3.80				=	2280m ²
4 X 25 X 3.70				=	370m ²
4 X 25 X 3.60				=	360m ²
1 X 25 X 3.65				=	91.25m ²
1 X 25 X 3.50				=	87.50m ²
(10) SDBC				Total	8438.75m ²
				Limit	8437.50m ²
Providing and laying					
semi dense bituminous					
concrete			do		

Area used for SDBC					
is same as area used					
for tack coat P- (6)					
item - (9) = 8437.50m ²					
∴ amt = 8437.50 X 0.025					
= 210.937m ³					
∴ amt = 210.937m ³					
(11) Providing & fixing of					
typical masonry					
sign board					
do					
amt =					1 No.
(12) Planting of trees by the road					
side					
do					
amt =					10 No.

6/10/22
17/06/22
JE

Continuation

Abstract of cost

7

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. const. of granular subbase					
— do —					
amt =	53.601	m ³	P-①		
item - ① @ Rs	2290.90	/m ³			
				= Rs	122795 =
2. WBM gr-I					
— do —					
amt =	51.266	m ³	P-②		
item - ② @ Rs	4263.92	/m ³			
				= Rs	218594 =
③ WBM gr-II					
— do —					
amt =	90.517	m ³	P-④		
item - ③ @ Rs	3810.61	/m ³			
				= Rs	344925 =
④ clearing & grubbing road land					
— do —					
amt =	0.45	hect	P-④		
item - ④ @ Rs	49496.70	/ha			
				= Rs	22274 =
⑤ const. of subgrade & earthen shoulder					
— do —					
amt =	945	m ³	P-④		
item - ⑤ @ Rs	176.96	/m ³			
				= Rs	167227 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat — do —					
ent =	1206.89 m ²	P-⑤			
itm -	⑥ @ Rs	41.56/m ²			
				2 Rs	50158 =
⑦ Tack coat — do —					
ent =	1229.39 m ²	P-⑤			
itm -	⑦ @ Rs	14.09/m ²			
				2 Rs	17322 =
⑧ Patch work over worn using m.s.s					
— do —					
ent =	1229.39 m ²	P-⑤			
itm -	⑧ @ Rs	228.71/m ²			
				2 Rs	281173 =
⑨ Tack coat — do —					
ent =	8437.50 m ²	P-⑥			
itm -	⑨ @ Rs	12.25/m ²			
				2 Rs	103359 =
⑩ SDBC — do —					
ent =	210.937 m ³	P-⑥			
itm -	⑩ @ Rs	11041.84/m ²			
				2 Rs	2329133 =

Continuation