

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

पत्रांक 203/23

छपरा/दिनांक 07/01/2023

प्रेषक,

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

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 एवं Bump Indicator 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 सके।

अनु०:- यथोक्त।

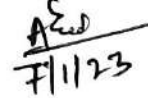
विश्वासभाजन



कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमंडल, छपरा 2


11/123

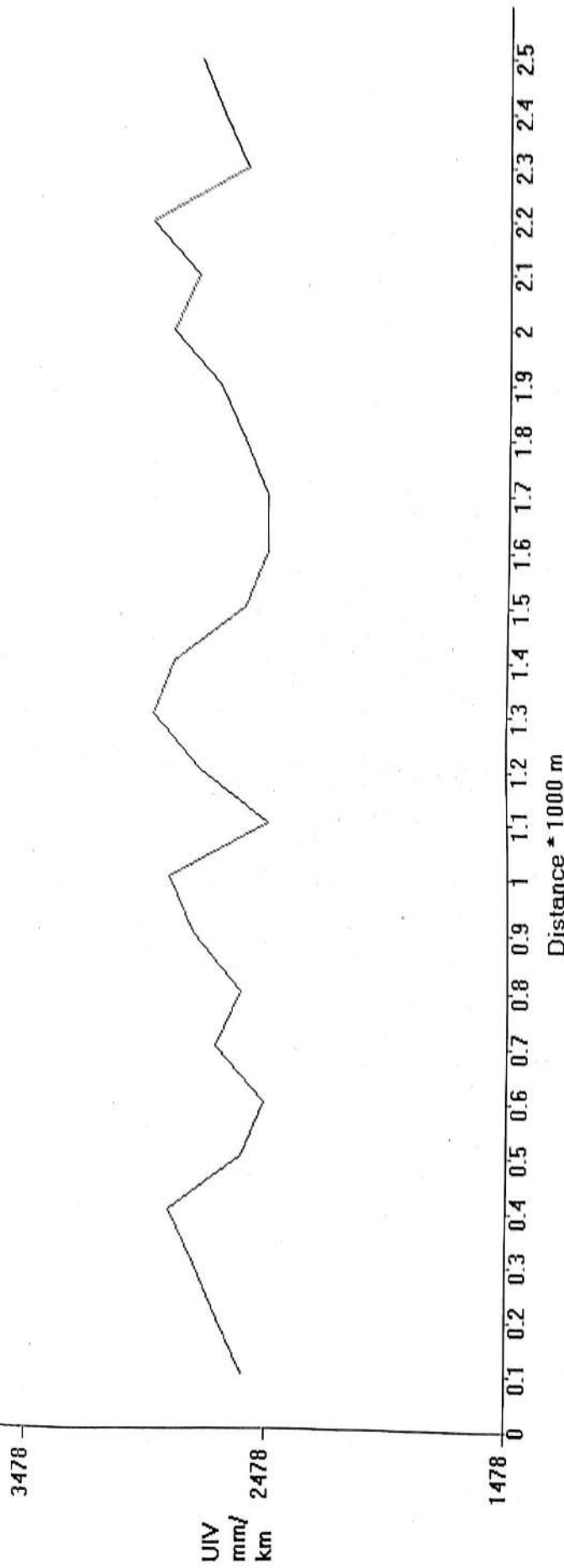
Requisition Format for Scheme Head :- MR (3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)

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-2/12	Parsagarh to Dhanauti	NEA220001912	Lt. No. 3388 Dated 02.08.19	2.500	87.01690	51.45462	24.55232	31/MBD/2021-22	01.11.22	07.01.23	2694.680	25.00	5%	0.00000	0.00000	51.45168	MB No. 3483, Pge No. 01 to 11


 Executive Engineer
 Rural Works Department,
 Works Division, Chapra-2
 A.S. 21/12/23

File : D:\BUMP DATA JAN 2023\PANKAJ KUMAR\excel file PANKAJ KUMAR.Xls. Section No. : 82. Egn :
 Name of Customer : PANKAJ KUMAR. Name of Work/ Road : PARSAGADH TO DANAUTI, Lab Job number :



[Signature]
 07/10/23
 JE

[Signature]
 Executive Engineer
 R.W.D. Works Division
 Chapra-2

CONT. NAME:-PANKAJ KUMAR

ROAD NAME:- PARSAGADH TO DANAUTI

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY	Latitude	Longitude	Event
7/1/23	9:12:53	82	0.1	210	10.1	2100	2577	ROAD	26.004013	84.566246	Normal
7/1/23	9:13:0	82	0.1	220	10.1	2200	2675	G	26.003785	84.566185	Normal
7/1/23	9:13:29	82	0.1	230	10.1	2300	2773	G	26.003187	84.566357	Normal
7/1/23	9:14:0	82	0.1	240	20.2	2400	2872	G	26.003234	84.567157	Normal
7/1/23	9:14:4	82	0.1	210	10.1	2100	2577	G	26.003044	84.567752	Curve
7/1/23	9:14:4	82	0.1	200	10.1	2000	2478	G	26.003665	84.570697	Normal
7/1/23	9:14:39	82	0.1	220	10.1	2200	2675	G	26.003039	84.571594	Normal
7/1/23	9:15:15	82	0.1	210	10.1	2100	2577	G	26.004294	84.57274	Normal
7/1/23	9:15:15	82	0.1	230	10.1	2300	2773	G	26.004451	84.573622	Normal
7/1/23	9:15:15	82	0.1	240	20.2	2400	2872	G	26.004812	84.574915	Normal
7/1/23	9:16:0	82	0.1	180	10.1	2000	2478	G	26.004863	84.575627	Normal
7/1/23	9:16:25	82	0.1	230	10.1	2300	2773	G	26.004622	84.576839	Normal
7/1/23	9:16:25	82	0.1	250	10.1	2500	2970	G	26.004616	84.577693	Normal
7/1/23	9:16:25	82	0.1	240	10.1	2400	2872	G	26.004168	84.579549	Normal
7/1/23	9:17:0	82	0.1	210	10.1	2100	2577	G	26.00396	84.5807	Normal
7/1/23	9:17:36	82	0.1	200	10.1	2000	2478	G	26.003852	84.581441	Normal
7/1/23	9:17:36	82	0.1	180	10.1	2000	2478	G	26.0038	84.582144	Normal
7/1/23	9:18:0	82	0.1	210	10.1	2100	2577	G	26.003739	84.583009	Normal
7/1/23	9:18:11	82	0.1	220	10.1	2200	2675	G	26.003704	84.584128	Normal
7/1/23	9:18:11	82	0.1	240	20.2	2400	2872	G	26.0036	84.584644	Normal
7/1/23	9:19:0	82	0.1	230	10.1	2300	2773	G	26.003577	84.585194	Normal
7/1/23	9:19:0	82	0.1	250	10.1	2500	2970	G	26.0035	84.585828	Normal
7/1/23	9:19:21	82	0.1	210	10.1	2100	2577	G	26.003439	84.58621	Normal
7/1/23	9:19:21	82	0.1	220	10.1	2200	2675	G	26.00333	84.586862	Normal
7/1/23	9:20:0	82	0.1	230	10.1	2300	2773	G	26.003323	84.588151	Normal
						AVERAGE	2694.68				

X = 0	
Y = 510	
(R) RURAL ROAD	
Good	Average
<4000	4001-5000
	>5001

07/01/23
 Pankaj Kumar
 R.W.D. Works Division
 Chapra-2

07/01/23
 Pankaj Kumar

07/01/23
 Pankaj Kumar

MBNO:-3483

Schedule XLY-Form No. 134

परसंगणक को धामाति

DIVISION

MBNO:- 3483

SUB-DIVISION

अध्यापक

Measurement Book

1st and final bill

1

Name of Work—
 Situation of Work—
 Agency by which work is executed—
 Date of Measurement—
 No. and date of agreement

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

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work—	Parsagarh to				
	Dhanauti				
Agency—	Pankaj Kumar				
Agreement No—					
Date of start of work—	02/11/21				
Date of completion—	01/11/22				
Actual completion date—	07/01/23				
	Measurement				
1. clearing & grubbing road					
Land — — do					
2 x 100 x 25 x 1.0 = 5000 m ²					
= 5000 m ² = 0.50 hect					
10000					∴ cont = 0.50 hect
2. const. of subgrade & earthen shoulder					
— — do					
2 x 100 x 25 x 0.70 x 0.30 = 1050 m ³					
3. Granular subbase					
const. of granular subbase					
— — do					
5 x 6.90 x 2.90 x 0.175 = 17.508 m ³					
6 x 10.20 x 2.80 x 0.175 = 29.988 m ³					
5 x 12 x 3.2 x 0.175 = 40.32 m ³					
Continuation	Total 87.816 m ³				
Limit to	77.259 m ³				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5X	12X	3.2X	0.175		33.60m ³
			Total		81.086m ³
			Limit to		77.259m ³
4. WBM gr-II					
Providing, laying, spreading and compacting stone aggregates - do -					
5X	7.0X	3.0X	0.075		7.875m ³
6X	10.30X	2.90X	0.075		13.44m ³
5X	12X	3.3X	0.075		14.85m ³
6X	6.5X	2.80X	0.075		8.19m ³
					8
7X	9X	3.10X	0.075		14.647
4X	10X	3.2X	0.075		9.60
			Total		68.603m ³
			Limit to		60.920m ³
5. WBM gr-III					
Providing, laying, spreading and compacting stone aggregates - do -					
5X	7.0X	3.0X	0.075		7.875m ³
6X	10.30X	2.90X	0.075		13.44m ³
5X	12X	3.3X	0.075		14.85m ³
6X	6.5X	2.80X	0.075		8.19m ³
8X	16.5X	3.20X	0.075		31.68m ³
7X	9X	3.10X	0.075		14.647m ³
4X	10X	3.2X	0.075		9.60m ³
Continuation					
			Total		100.283m ³
			Limit to		94.444m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
Providing and applying					
primer coat with					
(SS-1) - - - do - - -					
ent. g area used					
for prime coat is					
same as used for					
WBM gr-II Page-(2)					
item - ⑤ =				$94.444m^3$	
				$0.075m$	
				$= 1259.25m^2$	/
				- - - ent =	$1259.25m^2$
⑦ Tack coat					
Providing & applying					
tack coat with (RS-1)					
- - - do - - -					
Area used for tack					
tack coat is same					
as area used for					
prime coat Page-(3)					
item ⑥ + (10×3.75)					
= $1259.25m^2 + 37.50m^2$					$= 1296.75m^2$
⑧ Patch work over					
WBM using mix seal					
surface - - - do - - -					
Area used for mix					
seal surface is					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
same as area used in tack coat P-③					
item-⑦ =				1296.75m ²	
				∴ ent =	1296.75m ²
⑨ Tack coat					
Providing & applying tack coat with (RS-1) emulsion - - do - -					
		100 X 25 X	3.75	=	9375m ²
⑩ Providing and Laying					
semidense bituminous concrete - - do - -					

		100 X 25 X	3.75 X 0.025 =	234.38m ³	
			∴ ent =	234.375m ³	
⑪ kilometer stone					
- - - do - - -					
(i) Km stone - -			ent =	4 No.	
(ii) 200m stone - -			ent =	10 No.	
⑫ Direction & place identification sign - - do - -					
		2 X 1.20 X 0.80	=	1.92m ²	
⑬ Providing & fixing of retro-reflectivised cautionary, mandatory and informatory sign board - - do - -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13(i) 600mm equilateral triangle	-	-	do	ent	20 No.
(ii) 600mm circular board	-	-	do	ent	8 No.
(iii) 600mm x 450mm rectangular board	-	-	do	ent	8 No.
(14) Boundary pillar	-	-	do	ent	60 No.
(15) Road marking with hot applied Thermo-plastic compound	-	-	do	-	-
$2 \times 100 \times 25 \times 0.10 = 500m^2$					
(16) Providing and fixing of typical masonry information sign board with logo	-	-	do	ent	4 No.
(17) Planting of trees and their maint ⁿ	-	-	do	ent	125 No.
(18) Brick masonry work in cement mortar 1:3	-	-	do	-	-
$10 \times 6.0 \times 0.40 \times 0.60 = 14.40m^3$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Plastering with cement mortar on brick work					
- - - do - - -					
5 X 4.0 X 6.0 X 0.60 =					72 m ²
5 X 2 X 6 X 0.40 =					24 m ²
5 X 4.0 X 0.40 X 0.60 =					4.8 m ²
				Total	100.80 m ²
(20) Painting two coats on concrete surface					
- - - do - - -					
5 X 4.0 X 4.0 X 0.60 =					48 m ²
10 X 4.0 X 6.0 =					240 m ²
20 X 0.40 X 0.60 =					4.8 m ²
				Total	292.80 m ²
6/10/23 07/04/23 JE				6/10/23 07/04/23 XG	

Abstract of cost

7

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① clearing & grubbing road					
land - - do - -					
amt = 0.50 hect P- ①					
item - ① @ Rs 49496.70					
				= Rs	24748 =
② const. of subgrade & earthen shoulder					✓
do					
amt = 1050 m ³ P- ①					
item - ② @ Rs 176.96					
				= Rs	185808 =
③ granular subbase					✓
const. of granular					
subbase - - do - -					
amt = 77.259 m ³ P- ①					
item - ③ @ Rs 2263.31					
				= Rs	174861 =
④ WBM gr - II					
do					
amt = 60.920 m ³ P- ②					
Page - ② item - ④					
@ Rs 4205.37 m ³ - Rs					256191 =
⑤ WBM gr - III					
do					
amt = 94.444 m ³ P- ②					
item - ⑤ @ Rs 3758.52					
				= Rs	354970 =

Continuation

996578 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
— — do — —					
amt = 1259.25 m ² Page-③					
item - ⑥ @ Rs 41.54 = Rs 52309/-					
⑦ Tack coat					
— — do — —					
amt = 1296.75 m ² Page-③					
item - ⑦ @ Rs 14.08 = Rs 18258/-					
⑧ Patch work over WBM					
using mix seal surface					
— — do — —					
amt = 1296.75 m ² p-④					
item - ⑧ @ Rs 227.68 = Rs 295244/-					
⑨ Tack coat					
Providing & applying					
tack coat with (RS-1)					
— — do — —					
amt = 9375 m ² Page-④					
item - ⑨ @ Rs 12.24 = Rs 114750/-					
⑩ Providing & laying					
semidense bituminous					
concrete — do —					
amt = 234.375 m ³ p-④					
item - ⑩ @ Rs 10987.80 = Rs 2575321/-					
Rs 2575266/-					
⑪ Kilometer stone					
(i) km stone					
amt = 4 No. Page-④					
item - 11(i) @ Rs 2286.82 = Rs 9147/-					

Continuation

4061552/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 200m stone					
- - - do - - -					
ent = 10 No. Page - (4)					
item - 11 (ii) @ Rs 631.83					
				= Rs	6318 =
(12) Direction & place identification					
sign - - - do - - -					
ent = 1.92 m ² Page - (4)					
item - (12) @ Rs 12350.71					
				= Rs	23713 =
(13) Providing & fixing of					
retro-reflectivised					
cautionary, mandatory					
and informatory sign					
- - - do - - -					
costs					
(i) 600 mm equilateral					
triangle - - - do - - -					
ent = 20 No. Page - (5)					
item - 13 (i) @ Rs 3653.78					
				= Rs	73076 =
(ii) 600 mm circular					
board - - - do - - -					
ent = 8 No. Page - (5)					
item - 13 (ii) @ Rs 3753.13					
				= Rs	30025 =
(iii) 600mm x 450mm					
rectangular board					
- - - do - - -					
ent = 8 No. Page - (5)					
item - 13 (iii) @ Rs 3624.01 =					
Continuation Rs 28992 =					

4223676 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Boundary pillar					
— do —					
ent =	60 NO.				Page- (5)
itm -	(14) @ Rs	506.47			
				= Rs	30388 =
(15) Road marking with					
hot applied Thermo-					
plastic compound - do -					
ent =	500 m ²				Page- (5)
itm -	(15) @ Rs	735.40			
				= Rs	367700
(16) Providing & fixing of					
typical messy informatry					
sign board - do -					
ent =	4 NO.				Page- (5)
itm -	(16) @ Rs	9335.88			
				= Rs	37344 =
(17) Planting of trees &					
their mainfn - do -					
ent =	125 NO.				P- (5)
itm -	(17) @ Rs	800.30			
				= Rs	100037 =
(18) Brick masonry work					
in cement mortar					
— do —					
ent =	14.40 m ³				P- (5)
itm -	(18) @ Rs	5102.55			
				= Rs	73477 =

Continuation

 4832622

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Plastering with cement mortar on brick work -- do -- ent = 100.80 m ² Page-(6) itm - (19) @ Rs 147.78 = Rs 14896 =					
(20) Painting two coats on concrete surface -- do -- ent = 292.80 m ² p- (6) itm - (20) @ Rs 95.63 = Rs 28000 =					
Total Rs 4875518 =					
Add GST - 12% (+) Rs 585062 =					
Add Labourers 1% (+) Rs 48755 =					
Total Rs 5509335 =					
6/10/23 JE	6/10/23 AE	6/10/23 AE	6/10/23 AE	6/10/23 AE	
As per agreement					
Below - 6.61% - 364167 =					
Bill Amt → 5145168					