

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडलपुपरी (सीतामढ़ी)

पत्रांक :- 1325 पुपरी, दिनांक :- 05-07-2022
प्रेषक,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, पुपरी।

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी
सह-सचिव—
ग्रामीण कार्य विभाग, बिहार, पटना।

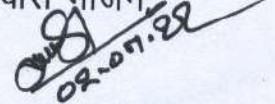
विषय :- शीर्ष बिहार नई अनुरक्षण नीति 2018 (MR 3054) में आवंटन उपलब्ध कराने के संबंध में।

महाशय,

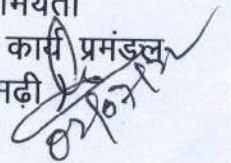
उपर्युक्त विषय के संबंध में कहना है कि इस प्रमंडल अन्तर्गत चल रहे नई अनुरक्षण नीति 2018 (MR 3054) में स्वीकृत योजनाओं के विभिन्न कार्यों के लिए मो0-171.64203 (एक करोड़ ईकहत्तर लाख चौसठ हजार दो सौ तीन) रुपया का आवंटन हेतु प्रतिवेदन विहित प्रपत्र में संधारित कर संलग्न करते हुए आवश्यक कार्रवाई हेतु समर्पित की जाती है।

अनु0—यथोक्त।

विश्वास भाजन


02-07-22

कार्यपालक अभियंता
ग्रामीण कार्य विभाग, कार्य प्रमंडल
पुपरी (सीतामढ़ी)



Requisition Format for Scheme Head-MR (3054) under Bihar Rural Road Maintenance Policy-2018 (initial Rectification and Surface Renewal)
Name of Works Division RWD, Works Division-Sitamardi.

Sli. No.	Package No	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Length (in km)	Administrative Approval		Agreement Amount (in Lakh)		Agreement No. Date	Date of Completion as per agreement	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)	Requision against work done (in lakh)	Remarks
						5 Years Routine Maintenance (in lakh)	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/2019-20 Pupri/ 15	NH 104 Jamuna Bridge to Sondahi Koriyahi to Bheenua	31607902157		1.730	41.4975	15.426	37.28449	15.47316	01 MBD/ 2021-22	11.01.2022	2709	0.025	5%	0.00	0.00	37.18582	
2			31607902096		3.200	70.873	29.860	64.37957	29.82949			2551	0.025	5%	0.00	0.00	60.53115	
3	MR-N/2019-20 Pupri/ 16	NH 104 Yadupatti Thana to Matauna	31607902156	6480/ 13.12.2019	3.752	83.193	32.710	73.32861	31.96482	42 MBD/ 2020-21	15.06.2022	2752	0.025	5%	0.00	0.00	65.46171	Completed
4		Madhurapur REO Road to Bhatol REO Road	31607902136		0.320	9.56780	3.06500	8.50387	2.92155			2854	0.025	5%	0.00	0.00	8.46335	
Total					9.002	205.131	81.061	183.497	80.189						0	0	171.64203	

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.

(Signature)
Executive Engineer,
RWD, Works Division, Pupri

Office of The Executive Engineer,
Rural Works Department, Works Division, Pupri

Name of Road:-Madhurapur REO Road to Bhaton REO Road

Name of Scheme:- MR(NEW MAINT POLICY)

Name of Contractor:-Raj Construction

Length of Road:-0.320 KM

Project ID:-31607902136

Package No.- MR-N/19-20/Pupri/16

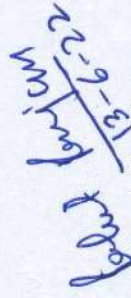
Name of Block:-Sursand

Certified that all item wise
100% measurement has been
taken by me


13/10/22

Junior Engineer,
Rural Works Department,
Works Section, Sursand
Works Division, Pupri

Certified that all item wise 50%
measurement has been checked
by me


13-6-22

Assistant Engineer,
Rural Works Department,
Works Sub Division, Sursand
Works Division, Pupri

Certified that all item wise
10% measurement has been
checked by me


13.06.22

Executive Engineer,
Rural Works Department,
Works Division, Pupri

Name of Road - Madhurapur REO to Bhatol REO

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	UUV	ROAD	IRI CATEGORY	Latitude	ongitude	Event
13/6/22	12:56:6	32	0.1	370	0	3700	3645	G		4.79	26.59335	85.76306 Normal
13/6/22	12:57:19	32	0.1	260	0	2600	2557	G		3.49	26.59415	85.76258 Normal
13/6/22	12:58:40	32	0.1	240	0	2400	2360	G		3.25	26.59339	85.7631 Normal
AVG:-										2854		

$$Y = 0 * X^2 + 0.989 * X - 13.58$$

$$X = 2000$$

$$Y = 1964$$

(R) RURAL ROAD
Good <4000
Average 4001-5000
Poor >5001

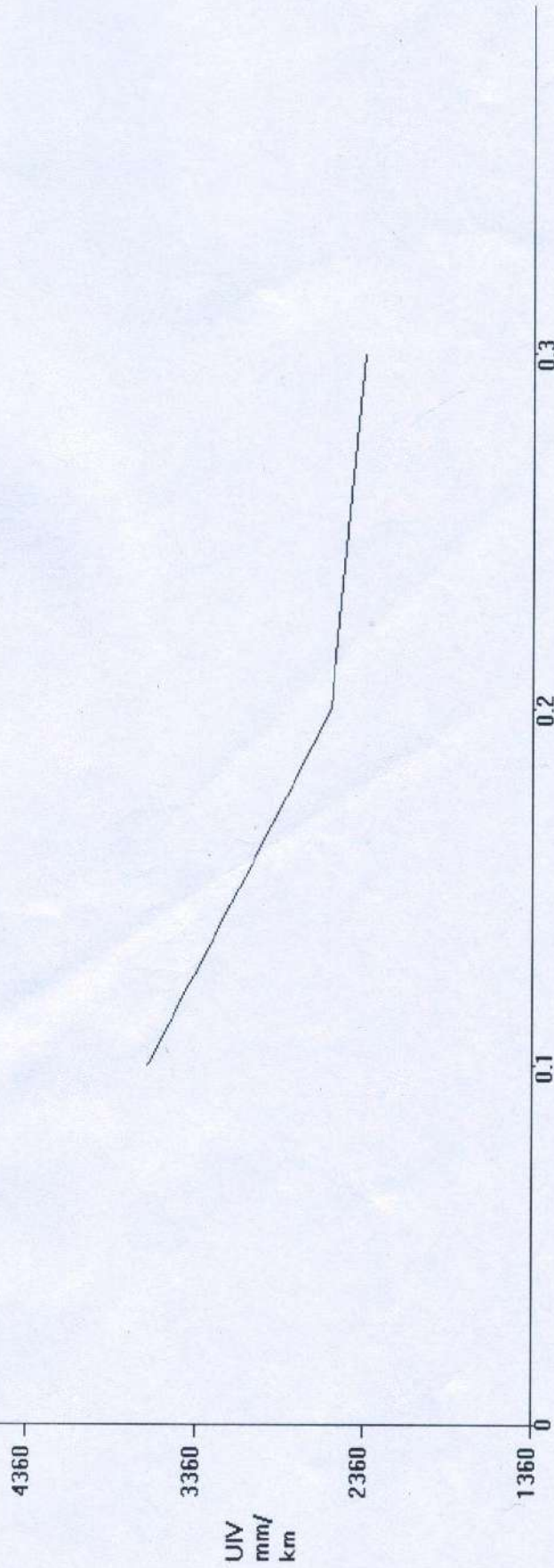
13-6-22
13-6-22

13/06/22
JE

13-6-22
13-6-22

File : C:\Users\BRRDA42\Desktop\Bump Report\Babu Sahab\BUMP\21061304.Xls, Section No. 32, Eqn : $Y = 0 \cdot X$

Name of Customer : Name of Work/ Road : Lab Job number :



Distance * 1000 m

Standard
13/06/2022
JE

13-6-22
13-6-22
13-6-22

13-6-22
13-6-22
13-6-22

MR-3054(New) (Sursand)

Schedule XLV-Form No. 134

N/Work:- M/R of road from Madhurapur RGO To Bhaton RGO Road
Agreement No:- 42/MBD/2021-22 Date 16.09.2021.

ग्रामीण कार्य विभाग कार्य प्रमंडल पुपरी

DIVISION

ग्रामीण कार्य विभाग कार्य अवर प्रमंडल सुरसंद

SUB-DIVISION

MEASUREMENT BOOK

No 2520

Agency:- Raj construction, Muzaffarpur.

MR-3054 (New)

Set 2 final Bill

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.	
N/Work:-	M/R of road from Madhura				
	Pur REO TO Bhaton REO				
	Road-				
Block:-	Sursand-				
Agency:-	Raj Construction - Muzaffarpur				
Agreement No:-	42/MBD/2021-22				
	Date 16.09.2021				
Date of start:-	16.09.2021				
Date of completion:-	15.06.2022				
Actual date of completion	1-13.06.2022				
Date of Measurement	13.06.2022				
Work done:-					
1) clearing and grubbing road land by (manual means) including uprooting wild vegetation grass bushes, shrubs etc					
	2	320.0	1.00		640.00 m ²
$HA = \frac{640}{10000} =$					0.064 ha
2) 3-14) construction of subgrade and earthen shoulder with apron					

Continuation

Abstract of cost

8

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①. clearing and grubbing road laced. including uprooting wild vegetation, grass.					
alg vide TMB P- 01.					
alg	0.0641 a @			51133.76	
				114	
				⇒	3273.00
②. construction of sub granule and culis shield.					
alg vide TMB P- (02)					
alg	134.40 m ² @			175.22 m ²	
				⇒	23550.0
③. construction of G.SB. Cr II					
alg vide TMB P-02.					
alg	22.512 m ³ @			2034.42 m ³	
				=	46612.00
④. providing laying spreading sand compacting with WBM Cr II					
alg vide TMB P- (03)					
alg	13.086 m ³ @			3633.58 m ³	
				⇒	47549.0
⑤. providing laying spreading sand compacting with WBM Cr II					
alg vide TMB P- (04)					
alg	21.717 m ³ @			3365.38 m ³	
				⇒	73086.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Providing and applying with Bitumen emulsion (SS1).					
alg vide TMB-P-04.					
alg $289.56 \text{ m}^2 @ 42.20 \text{ m}^2 \Rightarrow$					12219.00
(7) Providing and applying with bitum emulsion.					
(RS1)					
alg vide TMB-P-04.					
alg $289.56 \text{ m}^2 @ 14.35 \text{ m}^2 \Rightarrow$					4135.9
(8) Providing laying and rolling of prime bitumen surface					
alg vide TMB-P-05					
alg $289.56 \text{ m}^2 @ 206.76 \text{ m}^2 \Rightarrow$					59869/.
(9) Providing and applying with bitumen emulsion					
(RS1)					
alg vide TMB-P-05					
alg $1200.00 \text{ m}^2 @ 12.02 \text{ m}^2 =$					14,424.00
(10) Providing and laying SDBC with compacting rolling with vibrating and tandem roller.					
alg vide TMB-P-05.					
alg $30.00 \text{ m}^3 @ 10621.72 \text{ m}^3 =$					318652/.

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) planting of tree on road side and mainting for one year					
alg vide TMB, P-06.					
alg 16.00 No @ 819.72 each =					13119.00
(16) Praiding and applying Hot mix thin plastic compound.					
alg vide TMB-P 06.					
alg 64.00 m ² @ 735.44/m ² =					47068.16
(17) Praiding and fixing logo of Citizen and mandirer sandal					
alg vide TMA P-06-					
alg 02 No @ 9501.49 each =					19,003.00
(18) Brick Work in C.M 1:3 in parapet wall.					
alg vide TMB P.07					
alg 2.88 m ³ @ 5141.31/m ³ =					14809.00
(19) Plastering with C.M (1:4) in Brick Wall					
alg vide TMB P-07					
alg 20.16 m ² @ 180.35/m ² =					3636.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) Painting with enamel Paint two coat with Primer one coat.					
Qty viz TMS-P. 07					
Qty 20.16 m ² @ 89.49 m ²					1804.00
Sub Total Cost (Rs)				7.65	323.00
(A) add @ 1% L. cost					7.659.00
(B) Add @ 12% G.S.T.				91	911.00
(C) Add S.F.				4	864.00
G. Total Amount (Rs)				870	357.00
Less @ 2.76% belap. (-)				24	022.00
as per contract Net Rs				846	335.00/-

Say Rs - 8,46,335.00/-

~~Reviewed~~
13/06/2022
J.S. (signed)
13/06/2022
A.O.E.
C&P
20.00.22

Material Statement 1-

(i) Earthwork -	134.40 m ³	
(ii) GSB-Gr II -	18.33 m ³	
(iii) WBM-Gr II -	10.08 m ³	
(iv) WBM-Gr III -	16.72 m ³	
(v) stone dust	12.59 m ³	
(vi) stone chips -	35.79 m ³	
(vii) Bricks -	1.422 Thousand	
(viii) sand -	1.13 m ³	
(i) SS ₁ Bitumen emulsion -	0.246 MT	
(ii) RS ₁ Bitumen Continuation emulsion -	0.395 MT	
(iii) Premix carpet (S90) (VG-10) -	0.550 MT	
(iv) SDBC (S90 VG-30) -	3.461 MT	