

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।

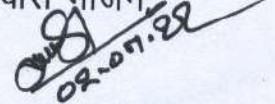
विषय :- शीर्ष बिहार नई अनुरक्षण नीति 2018 (MR 3054) में आवंटन उपलब्ध कराने के संबंध में।

महाशय,

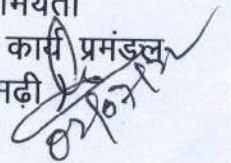
उपर्युक्त विषय के संबंध में कहना है कि इस प्रमंडल अन्तर्गत चल रहे नई अनुरक्षण नीति 2018 (MR 3054) में स्वीकृत योजनाओं के विभिन्न कार्यों के लिए मो0-171.64203 (एक करोड़ ईकहत्तर लाख चौसठ हजार दो सौ तीन) रुपया का आवंटन हेतु प्रतिवेदन विहित प्रपत्र में संधारित कर संलग्न करते हुए आवश्यक कार्रवाई हेतु समर्पित 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	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		Koriyahi to Bheenua	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:-NH 104 Yadupatti Thana to Matauna

Name of Scheme:- MR(NEW MAINT POLICY)

Name of Contractor:-Raj Construction

Length of Road:-3.752 KM

Project ID:-31607902156

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

Name of Block:-Sursand

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

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

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

[Signature]
13/06/22

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

[Signature]
13/6/22

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

[Signature]
13/6/22

Executive Engineer,
Rural Works Department,
Works Division, Pupri

Name of Road - NH 104 Yadupatty Thana to Matauna

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI CATEGORY ROAD	Latitude ongitude	Event
13/6/22	12:38:18	29	0.1	310	0	3100	3052 G	4.09 26.5921	Normal
13/6/22	12:38:28	29	0.1	280	10.1	2800	2755 G	3.73 26.59205	Normal
13/6/22	12:39:0	29	0.1	260	10.1	2600	2557 G	3.49 26.59201	Speed Breaker
13/6/22	12:39:27	29	0.1	270	10.1	2700	2656 G	3.61 26.59249	Normal
13/6/22	12:39:37	29	0.1	360	20.2	3600	3546 G	4.67 26.59165	Normal
13/6/22	12:40:2	29	0.1	280	10.1	2800	2755 G	3.73 26.59025	Normal
13/6/22	12:40:12	29	0.1	240	10.1	2400	2360 G	3.25 26.58981	Normal
13/6/22	12:40:38	29	0.1	250	10.1	2500	2458 G	3.37 26.5899	Normal
13/6/22	12:41:0	29	0.1	260	10.1	2600	2557 G	3.49 26.58913	Normal
13/6/22	12:41:13	29	0.1	230	10.1	2300	2261 G	3.13 26.58841	Curve
13/6/22	12:43:34	29	0.1	290	0	2900	2854 G	3.85 26.59014	Speed Breaker
13/6/22	12:43:34	29	0.1	320	10.1	3200	3151 G	4.2 26.59098	Normal
13/6/22	12:44:9	29	0.1	360	10.1	3600	3546 G	4.67 26.59154	Normal
13/6/22	12:44:19	29	0.1	370	20.2	3700	3645 G	4.79 26.59143	Normal
13/6/22	12:44:45	29	0.1	280	20.2	2800	2755 G	3.73 26.59147	Normal
13/6/22	12:45:0	29	0.1	260	20.2	2600	2557 G	3.49 26.59178	Normal
13/6/22	12:45:10	29	0.1	290	20.2	2900	2854 G	3.85 26.59153	Normal
13/6/22	12:45:20	29	0.1	250	10.1	2500	2458 G	3.37 26.59189	Normal
13/6/22	12:45:55	29	0.1	310	20.2	3100	3052 G	4.09 26.59208	Normal
13/6/22	12:46:0	29	0.1	330	20.2	3300	3250 G	4.32 26.59111	Normal
13/6/22	12:46:10	29	0.1	300	20.2	3000	2953 G	3.97 26.59017	Normal
13/6/22	12:46:31	29	0.1	320	20.2	3200	3151 G	4.2 26.58943	Normal
13/6/22	12:47:0	29	0.1	290	20.2	2900	2854 G	3.85 26.58836	Normal
13/6/22	12:47:6	29	0.1	260	20.2	2600	2557 G	3.49 26.58715	Normal
13/6/22	12:47:16	29	0.1	240	20.2	2400	2360 G	3.25 26.58592	Normal
13/6/22	12:53:0	29	0.1	290	0	2900	2854 G	3.85 26.58651	Normal
13/6/22	12:53:34	29	0.1	260	10.1	2600	2557 G	3.49 26.5878	Normal
13/6/22	12:53:44	29	0.1	290	10.1	2900	2854 G	3.85 26.58936	Normal
13/6/22	12:54:9	29	0.1	280	10.1	2800	2755 G	3.73 26.59034	Normal
13/6/22	12:54:19	29	0.1	250	10.1	2500	2458 G	3.37 26.5918	Normal
13/6/22	12:55:33	29	0.1	220	10.1	2200	2162 G	3 26.5878	Normal
13/6/22	12:55:39	29	0.1	280	10.1	2800	2755 G	3.73 26.58936	Normal
13/6/22	12:56:8	29	0.1	230	10.1	2300	2261 G	3.13 26.59034	Normal
13/6/22	12:57:9	29	0.1	200	10.1	2000	1964 G	2.76 26.5918	Normal

AVG:-

2752

13/6/22
JE

13/6/22
JE

13/6/22
JE

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

X = 2000

Y = 1964

Speed Breaker

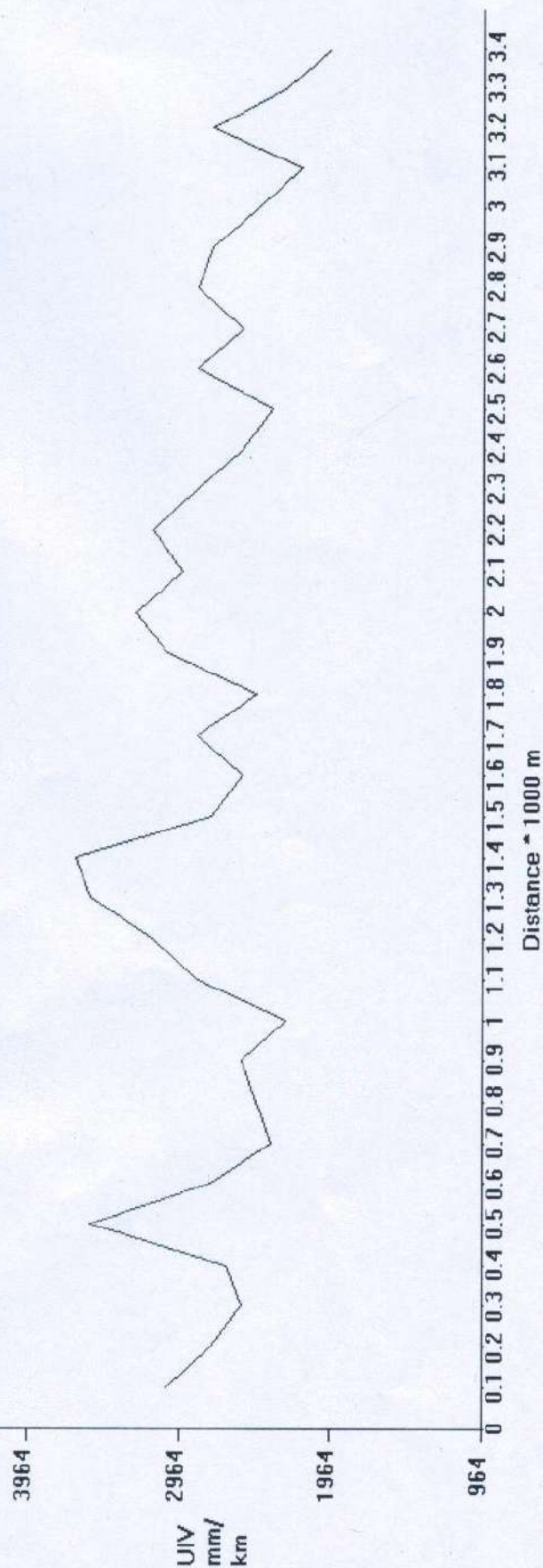
(R) RURAL ROAD

Good Average Poor

<4000 4001-5000 >5001

File : C:\Users\BRRDA42\Desktop\Bump Report\Babu Sahab\BUMPI\21061254.Xls, Section No. :29, Eqn : $Y = 0 \cdot X$

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



2964
1366
1598

2964
1366
1598

2964
1366
1598

MR-3054 (New)

Schedule XLV-Form No. 134

N/Work:- MR of road from NH104 Yadupatti to Mataunda.

Agreement No- 42/MBD/2021-22 Block-Sursand.

ग्रामीण कार्य विभाग कार्य प्रमंडल पुणे **DIVISION**

ग्रामीण कार्य विभाग, कार्य ठेका **SUB-DIVISION**
प्रमंडल सुरसंद

MEASUREMENT BOOK

NO 2521

Agency:- Raj construction, Daudpur Kothi MIT Muz.

M/R 3054 (New).

1st & 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.	
1/ Work:-	M/R of road from				NH 104
	yadupatti to				Matauna-
	in	Sursand			block.
Agency:-	Raj Construction-				
	Daudpur Kolar P.O-				MIT
	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:-		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	3752	1.000	-	7504.00
					m ²
HA =	7504.00	/	10000	=	0.75 Ha

Continuation

Abstract of cost

14

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① clearing and grubbing road land by using manual means including uprooting Wild vegetation grass bushes and shrubs etc					
alg vide TMB-P-01.					
alg 0.75 HA @ 51133.76/HA -					383501-
② Construction of subgrade of Earthen shoulders					
alg vide TMB-P-02					
alg 1463.28 m ³ @ 175.22/m ³ ⇒					2563967
③ Construction of G.SB Gr II					
alg vide TMB-P-04					
alg 159.288 m ³ @ 2034.42/m ³ ⇒					324059.00
④ Paving laying, spreading and compacting of WBM Gr II					
alg vide TMB-P-07					
alg 94.712 m ³ @ 3633.59/m ³ =					
⑤ Paving laying spreading and compacting with WBM-Gr III					
alg vide TMB-P-09					
alg 114.391 m ³ @ 3365.38/m ³ ⇒					384969.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Providing and applying Primar coat with bitumen emulsi-					
(SSJ).					
alg vide TMB-P-(10) -					
alg 1525.21 m ² @ 42.20/m ²					64364.00/-
(67) Providing and applying. tack coat with bitumen emulsi (RS.)					
alg vide TMB-P-(10)					
alg 1689.69 m ² @ 14.35/m ²					24247.00/-
(68) Providing, laying and rolling. Primar bitumen surfacing					
alg vide TMB-P-(10) -					
alg 1689.69 m ² @ 206.76/m ²					349360.00/-
(69) Providing and applying tack coat with bitumen emulsi (RS.)					
alg vide TMB-P-(11) -					
alg 3467 1300 1.25 m ²					
@ 12.02 m ²					156275.00/-
(10) Providing laying and rolling. SDBC-					
alg vide - TMB-P- 11.					
alg 325.03 m ³ @ 10624.72/m ³					3452378/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) R.C.C-M 15 grade - concrete kilometre stone					
(i) km stone -					
Qty 5.00 Nos @ 2350.83					
each =					11,754.00
(ii) 200mt stone -					
Qty 15.00 Nos @ 602.00					
each =					9030.00
(12) Providing and fixing, Direction and identification sign board -					
Qty vide TMB-P-11					
Qty 1.92 m ² @ 12398.23/m ²					23,805.00
(13) Providing and fixing of retro- reflective sign board					
(i) 600mm equilateral triangle -					
Qty 4.00 Nos @ 3689.50 each =					14,758.00
(ii) 600mm circular					
Qty 4.00 Nos @ 3786.04					
each =					15,144.00
(iii) 600 mm rectangular -					
Qty 2.00 Nos @ 3658.92					
each =					7,314.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Providing and fixing M75 grade R.C.C. boundary pillar - aly 48.00 Nos @ 507.59 Rsch $\Rightarrow$ 24364.00					
(15) planting of trees and maintenance for one year - aly vide TMB P- (12) aly 188.00 Nos @ 819.92 each $\Rightarrow$ 154145/-					
(16) Providing and laying of hot applied - thermo plastic - compound - aly vide TMB P- (13) aly 693.40 m ² @ 735.44/m ² $\Rightarrow$ 509954/-					
(17) Providing and fixing logo of typical citizen and Maintenance band. aly vide TMB P- (13) aly 2.00 Nos @ 9501.40 each = 19003.00					
(18) Brick Work in CM- 1:3 in Pampet aly vide TMB P- (13) aly 11.52 m ³ @ 5141.91/m ³ $\Rightarrow$ 59235/-					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Plastering with CM 1:4- in brick work.					
Qty vide TMB-P-(13)-					
Qty 80.64 m ² @ 180.35/m ² ⇒					14543/-
(20) Painting with Sylkustel emul. with are coat					
Qty of primer coat					
Qty vide TMB-P-(13)-					
Qty 80.64 m ² @ 89.49 m ² ⇒					7216.00
Sub Total Amount (Rs)				59,	20663/-
(a) add @ 1% L-cells -					59207/-

(b) add @ 12% GST -					7,10480.00.
(c) Add SF					41623.00/-
Total Amount (Rs)					67,31,973.00
Less @ 2.76% below -					(-) 185802.00
as per contract					
Net payable amount (Rs)					65,46,171.00/-
Say. Rs 65,46,171.00/-					

3 handed
13/06/2022
JE.

Partial payment
13-6-2022
A/E

APP.
20.06.22

Continuation