

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

पत्रांक :- 260 पुपरी, दिनांक :- 17/02/2023
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
मो0-6.27859 (छः लाख सताईस हजार आठ सौ उनसठ) रुपया का आवंटन हेतु
प्रतिवेदन विहित प्रपत्र में संधारित कर संलग्न करते हुए आवश्यक कार्रवाई हेतु समर्पित
की जाती है।

अनु0-यथोक्त।

विश्वास भाजन,

N. 17.23

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

17/02/23

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.

Sil. 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 Allotted Amount (in lakh)	Up to Date expenditure as per MIS (in Lakh)	Requisition against work done (in lakh)	Remarks
						5 Years Routine Maintenance (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	Koriyahi to Bhemua	31607902096	6480/ 13.12.2019	3.200	70.873	29.860	64.37957	29.83949	01 MBD/ 2021-22	11.01.2022	2551	0.025	5%	60.53115	60.53115	2.49710	Completed
2	MR-N/2019-20 Pupri/ 16	NH 104 Yadupatti Thana to Matana	31607902156		3.752	83.193	32.710	73.32861	31.96482	42 MBD/ 2020-21	15.06.2022	2752	0.025	5%	65.46171	65.46171	3.78149	
	Total				6.952	154.066	62.570	137.70818	61.79431						0	0	6.27859	

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.

Mr. T. G. 23
 Executive Engineer,
 RWD, Works Div. Pupri.
23/12/21

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.TEGORY ROAD	Latitude	ongitude	Event
13/6/22	12:38:18	29	0.1	310	0	3100	3052 G	4.09	26.5921	85.78519 Normal
13/6/22	12:38:28	29	0.1	280	10.1	2800	2755 G	3.73	26.59205	85.78399 Normal
13/6/22	12:39:0	29	0.1	260	10.1	2600	2557 G	3.49	26.59201	85.78236 Speed Breaker
13/6/22	12:39:27	29	0.1	270	10.1	2700	2656 G	3.61	26.59249	85.78155 Normal
13/6/22	12:39:37	29	0.1	360	20.2	3600	3546 G	4.67	26.59165	85.78104 Normal
13/6/22	12:40:2	29	0.1	280	10.1	2800	2755 G	3.73	26.59025	85.78002 Normal
13/6/22	12:40:38	29	0.1	240	10.1	2400	2360 G	3.25	26.58981	85.77879 Normal
13/6/22	12:41:0	29	0.1	250	10.1	2500	2458 G	3.37	26.5899	85.77734 Normal
13/6/22	12:41:13	29	0.1	260	10.1	2600	2557 G	3.49	26.58913	85.77598 Normal
13/6/22	12:43:34	29	0.1	230	10.1	2300	2261 G	3.13	26.58841	85.7752 Curve
13/6/22	12:43:34	29	0.1	290	0	2900	2854 G	3.85	26.59014	85.77192 Speed Breaker
13/6/22	12:44:9	29	0.1	320	10.1	3200	3151 G	4.2	26.59098	85.77121 Normal
13/6/22	12:44:19	29	0.1	360	10.1	3600	3546 G	4.67	26.59154	85.76987 Normal
13/6/22	12:44:45	29	0.1	370	20.2	3700	3645 G	4.79	26.59143	85.76852 Normal
13/6/22	12:45:0	29	0.1	280	20.2	2800	2755 G	3.73	26.59147	85.76729 Normal
13/6/22	12:45:10	29	0.1	260	20.2	2600	2557 G	3.49	26.59178	85.76598 Normal
13/6/22	12:45:20	29	0.1	290	20.2	2900	2854 G	3.85	26.59153	85.76492 Normal
13/6/22	12:45:55	29	0.1	250	10.1	2500	2458 G	3.37	26.59189	85.76377 Normal
13/6/22	12:46:0	29	0.1	310	20.2	3100	3052 G	4.09	26.59208	85.76256 Normal
13/6/22	12:46:10	29	0.1	330	20.2	3300	3250 G	4.32	26.59111	85.76224 Normal
13/6/22	12:46:31	29	0.1	300	20.2	3000	2953 G	3.97	26.59017	85.76167 Normal
13/6/22	12:47:0	29	0.1	320	20.2	3200	3151 G	4.2	26.58943	85.76062 Normal
13/6/22	12:47:6	29	0.1	290	20.2	2900	2854 G	3.85	26.58836	85.75993 Normal
13/6/22	12:47:16	29	0.1	260	20.2	2600	2557 G	3.49	26.58715	85.75926 Normal
13/6/22	12:53:0	29	0.1	240	20.2	2400	2360 G	3.25	26.58592	85.75887 Normal
13/6/22	12:53:34	29	0.1	290	0	2900	2854 G	3.85	26.58651	85.75921 Normal
13/6/22	12:53:44	29	0.1	260	10.1	2600	2557 G	3.49	26.5878	85.75955 Normal
13/6/22	12:54:9	29	0.1	290	10.1	2900	2854 G	3.85	26.58936	85.76056 Normal
13/6/22	12:54:19	29	0.1	280	10.1	2800	2755 G	3.73	26.59034	85.76207 Normal
13/6/22	12:55:33	29	0.1	250	10.1	2500	2458 G	3.37	26.5918	85.76237 Normal
13/6/22	12:55:39	29	0.1	220	10.1	2200	2162 G	3	26.5878	85.75955 Normal
13/6/22	12:55:39	29	0.1	280	10.1	2800	2755 G	3.73	26.58936	85.76056 Normal
13/6/22	12:56:8	29	0.1	230	10.1	2300	2261 G	3.13	26.59034	85.76207 Normal
13/6/22	12:57:9	29	0.1	200	10.1	2000	1964 G	2.76	26.5918	85.76237 Normal
						AVG:-	2752			

$$Y = 0 * X^2 + 0.989 * X - 13.58$$
$$X = 2000$$
$$Y = 1964$$

(R) RURAL ROAD

Good Average Poor

<4000 4001-5000 >5001

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

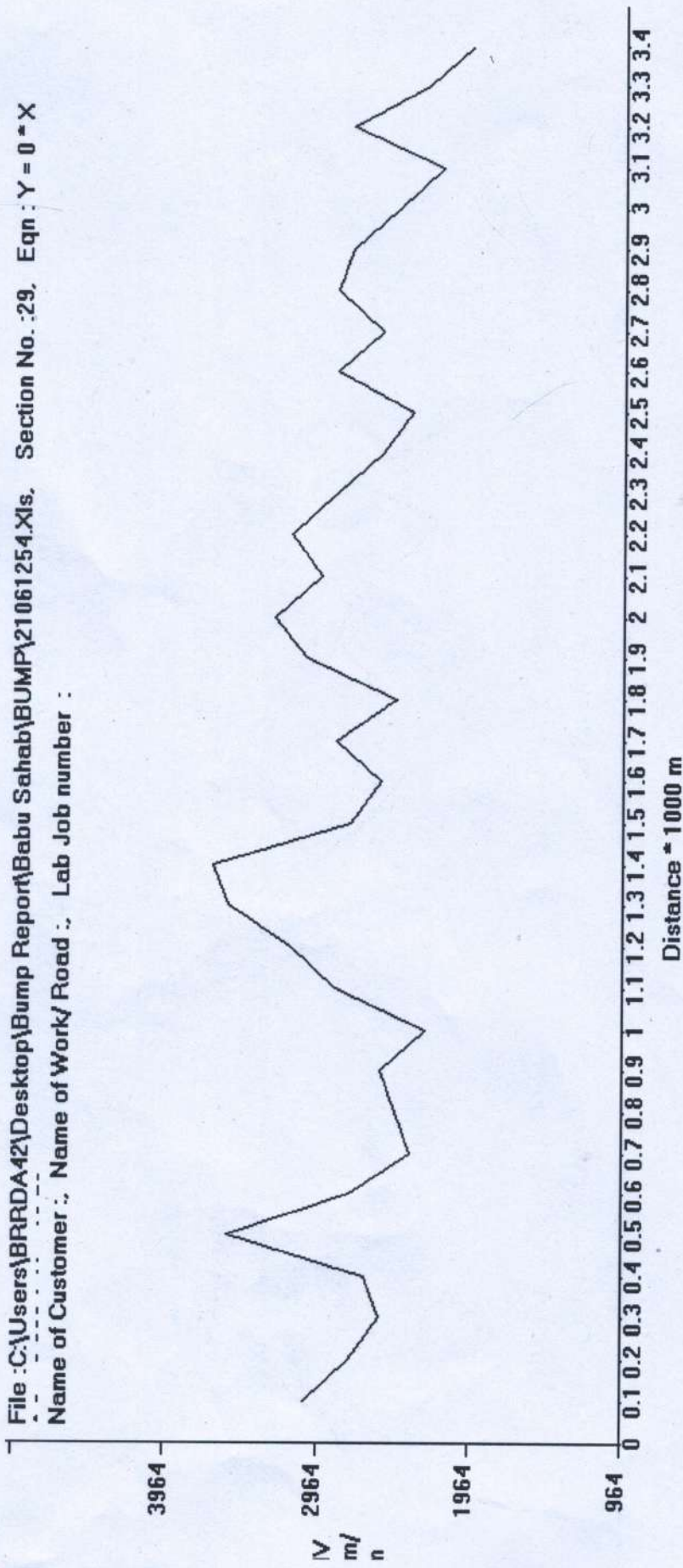
$$X = 2000$$

$$Y = 1964$$

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

17.9.22
29.1-202
20/10/2023
20/10/2023

File : C:\Users\BRRDA42\Desktop\Bump Report\Babu Sahab\BUMP\21061254.Xls, Section No. : 29, Eqn : $Y = 0 \cdot X$
 Name of Customer : Name of Work/ Road :, Lab Job number :



17.8.23

20-2-1-2023

20/10/23

**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

Signature
20/10/23

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

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

Signature
22-1-2023

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

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

Signature
11.2.23

Executive Engineer,
Rural Works Department,
Works Division, Pupri

NR-3054 (New)

Schedule XLV-Form No. 134

NR-3054 - NR of road from NH104 Vadupatti to Matamra.

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

2111/01 अवि फार्म अवि ग्राम गुफ **DIVISION**

2111/01 अवि फार्म, अवि गुफ **SUB-DIVISION**

ग्राम अवि

MEASUREMENT BOOK

NO 2521

Against - 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	
N/Work:-	MIR of road from				NH 104
	yadupathi to				Matauna-
	in	Subsand			block.
Agency:-	Raj Construction				
	Daulpar Kolk P.O.				MIT
	MUZAFFAR PUR				
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
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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
01) clearing and grubbing road land by using manual means.					
alg vide TMB-P-14.					
alg 0.75 ha @ 51133.76/m ²				⇒	38350.00
02) construction of subgrade and earthen shoulder.					
alg vide TMB-P-14.					
alg 1463.28 m ² @ 175.22/m ²				⇒	256396.00
03) construction of GSB Gr II					
alg vide TMB-14.					
alg 159.288 m ² @ 2034.42/m ²				⇒	324059.00 324058.00
04) Providing laying spreading and compacting of WBM II					
alg vide TMB-14.					
alg 94.712 m ² @ 3633.59/m ²				⇒	344145.00
05) Providing laying spreading and compacting with WBM Gr III					
alg vide TMB-P-14.					
alg 114.301 m ² @ 3365.38/m ²				⇒	384969.00
06) Providing and applying Primer coat with bitumen emulsion (SS1)					
alg vide TMB-P-15.					
alg 1525.21 m ² @ 42.20/m ²				⇒	64364.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
07) Providing and applying thick coat with bitumen emulsion					
(Rs.)					
Qty vide TMB-P-15.					
Qty 1689.69 m ² @ 14.35/m ²				⇒	24,247.00
08) Providing and laying comp rolling primix bitumen.					
Surfing.					
Qty vide TMB-P-15					
Qty 1689.69 m ² @ 206.76/m ²				⇒	349360.00
09) Providing and applying thick coat with bitumen emulsion (Rs.)					
Qty vide TMB-P-15					
Qty 1300 1.25 m ² @ 12.02/m ²				⇒	156275.00
(10) Providing and laying SDBC					
Qty vide TMB-P-15					
Qty 325.03 m ³ @ 10621.72/m ³				⇒	34,52,378.00
(11) R.C.C MIS grade of concrete					
(i) K.M stone					
Qty vide TMB-P-16.					
Qty 05 Nos @ 2350.83/each				⇒	11754.00
(ii) 200mm Stone.					
Qty vide TMB-P-16					
Qty 15.00 Nos @ 602.00/each				⇒	9030.00
(12) Providing and fixing of retro reflective - High based.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) 600mm circular					
tringe.					
alg 4.00 Nos @ 3689.50 each					14758.00
(ii) 600mm circular					
alg 4.00 Nos @ 3786.04 each					15144.00
(iii) 600mm x 450mm rectangular					
alg vide TMB-8-16					
alg 2.00 Nos @ 3656.92 each					7314.00
S/no (2) - Providing and fixing					
Direction / place identification					
Sign board					
alg vide TMB-8-16.					
alg 1.92 m ² @ 12398.23 / m ²					23805.00
(14) Providing and fixing MIS					
grade of concrete R.C.C					
Boundary pillar -					
alg vide TMB-8-17					
alg 48.00 Nos @ 507.59 each					24364.00
(15) Planting of trees by road side					
alg vide TMB-8-17.					
alg 188.00 Nos @ 819.92 each					154145.00
(16) Providing and laying of hot					
applied thermoplastic					
compound - alg vide TMB-8-17					
alg 693.40 m ² @ 725.44 / m ²					502954.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Providing and fixing 100% typical - citizen and Maintenance sign board.					
alg vide TMB-P (17)					
alg 2.00 Nos @ 9501.43 each					19,003.00
(18) Brick work in cm 1:3 in parapet wall -					
alg vide TMB-P-17					
alg 11.52 m ³ @ 5141.91 m ³					59235.00
(19) plastering with cm 1:4 in brick work					
alg vide TMB-P-18					
alg 80.64 m ² @ 180.35/m ²					14543.00
(20) painting two coats on new surface of plaster					
alg vide TMB-P-18					
alg 80.64 m ² @ 89.49/m ²					7216.00
Sub Total Amount (Rs)					6264808.00
(a) add @ 1% L.C.ESS (Rs)					62648.00
(b) add @ 12% G.S.T. (Rs)					751777.00
(c) add S.F					41623.00
Total Amount (Rs)					7120856.00/-
Less @ 2.76% below (Rs) (-)					195536.00/-
Net Amount after deduction (Rs)					6924320.00
Less previous Amount (Rs) (-)					6546171.00
Net Payable Amount (Rs)					378,149.00/-

checked
09/09/22
JEE, Mumbai.

checked
25-9-2022
A.E. Gaudin

CRP
N/A
25-9-22