

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, दाउदनगर

पत्रांक.....727315 दाउदनगर/दिनांक.....23/03/22

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर

सेवा में,

नोडल पदाधिकारी (MR 3054)
ग्रामीण कार्य विभाग
पटना, बिहार

विषय :- नई अनुरक्षण नीति-2018MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के विरुद्ध आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में सूचित करना है कि नई अनुरक्षण नीति-2018 MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के लिए संवेदक को भुगतान करने हेतु अधियाचना विहित प्रपत्र में भरकर आवश्यक कार्यवाही हेतु समर्पित की जाती है।

अनु :- यथोक्त।

विश्वास भाजन

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर

23.03.22

OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Daudnagar

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

Name of Works Division:-Daudnagar

Sl no.	Package No	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No & Date	Administrative		Agreement Amount		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 of (in Lakh)	Initial Rectification with Surface Renewal (in Lakh)	5 Year Routine Maintenance (in Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	RM/AU/DAU/19/0019	Rafiganj Obra Road to Kevap	10602901026	2164/06.07.2019	1	32.2623	21.62122	7.36821	41MBD/3054MR/2021-2022 27.11.21	24.08.2022	17.03.22	3087	25MM	5.080%	0.00000	0.00000	21.62000	Comp.
2	RM/AU/DAU/19/0019	RAFIGANJ ROAD - CHITARSARI	NEA22000293	2164/06.07.2019	1	32.9059	22.21549	7.37220	41MBD/3054MR/2021-2022 27.11.21	24.08.2022	17.03.22	3028	25MM	5.074%	0.00000	0.00000	22.21000	Comp.
3	RM/AU/DAU/19/0019	POUTHU ROAD - ITARH	NEA22000305	2164/06.07.2019	1.5	46.78	31.36468	10.73663	41MBD/3054MR/2021-2022 27.11.21	24.08.2022	17.03.22	3061	25MM	5.063%	0.00000	0.00000	24.16000	Comp.
TOTAL																	67.990	

23.03.22
Executive Engineer
Rural Works Department
Works Division, Daudnagar

(HWS)
23.02.22

Name Of Road :- RAFIGANJ ROAD - CHITARSARI

Date	Time	Section	Length	Bumps	Speed	OR		CATEGORY	IRI	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	UIV	ROAD				
17/3/22	14:11:25	28	0.1	340	30.3	3400	3994	G	3.19	24.78424	84.597654	Normal
17/3/22	14:11:25	28	0.1	300	30.3	3000	3540	G	3.66	24.78411	84.59795	Normal
17/3/22	14:12:0	28	0.1	190	30.3	1900	2290	G	3.16	24.78393	84.598375	Normal
17/3/22	14:12:0	28	0.1	430	30.3	2500	2972	G	3.99	24.78384	84.598774	Normal
17/3/22	14:12:36	28	0.1	220	20.2	2200	2631	G	3.58	24.78344	84.599097	Normal
17/3/22	14:13:0	28	0.1	290	20.2	2900	3426	G	4.53	24.78248	84.598828	Speed Breaker
17/3/22	14:13:10	28	0.1	180	30.3	1800	2177	G	3.02	24.7814	84.597866	Normal
17/3/22	14:13:10	28	0.1	230	30.3	2300	2745	G	3.72	24.78071	84.597379	Normal
17/3/22	14:13:45	28	0.1	300	10.1	3000	3540	G	4.66	24.77989	84.597215	Speed Breaker
17/3/22	14:14:0	28	0.1	250	20.2	2500	2972	G	3.99	24.77839	84.596823	Normal
Total Length			1									

$$Y = 0 * X^2 + 1.136 * X + 132.5$$

$$X = 2550$$

$$Y = 3028$$

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

Asim
 21/3/2022
 J.E

21/3/2022
 A.E

23/3/22
 E"E

Seco Analyzer

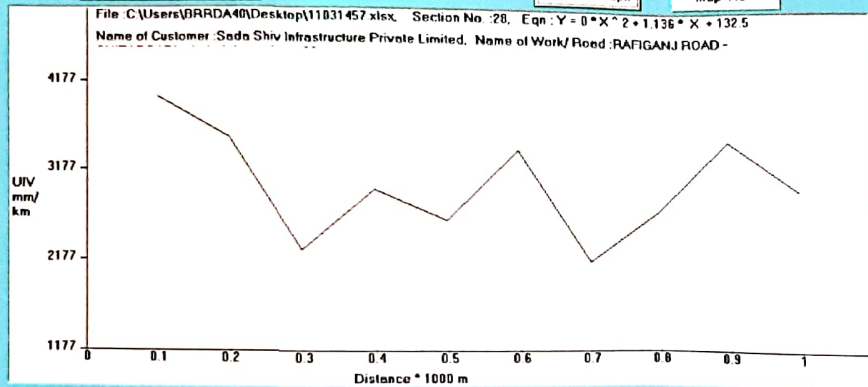
Name of Customer : Sada Shiv Infrastructure Private
 Name of Work/ Road : RAFIGANJ ROAD - CHITARSA
 Lab Job number : 28
 Date : 17-03-2022
 Section No. : 28

Test Date : 17-03-2022 Road Name : RAFIGANJ ROAD - CHITARSA
 Machine No : 377 Road Type : (R) RURAL ROAD
 Start S No : 315 Side : Rafiganj Interval
 Start E No : 324
 Weather : Normal UIV Range : 1177 To 5000 1000 mm/km
 Start Location : 242 84 597654 Dist Range : 0 To 11 01 * 1000 m
 End Location : 387 84 596823 Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$

Print Generate Report and Graph

Redraw Graph

Map View



Agimons
 21/3/2022
 J.E

21/3/2022
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22.03.22

**REPORT ON
BITUMEN CONTENT TEST
FOR THE PROPOSED
C/O**

**RAFIGANJ ROAD TO CHITARSARI UNDER SCHEME
MR 3054
AGREEMENT NO - MBD/2019-20**

**SUBMITTED TO:
EXECUTIVE ENGINEER
RWD. WORKS DIVISION, DAUDNAGAR**

**AGENCY NAME :
SADA SHIV INFRASTRUCTURE PVT.LTD
KUDRA KAIMUR BIHAR**

**TESTING BY :
*OM SAI TESTING AND RESEARCH
LABORATORY***

**2nd Floor Maheswari Complex Fraser Road Patna
PIN CODE 800001**

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

Ref..... **BITUMEN CONTENT TEST OF EMI-DENSE BITUMINOUS CONCRETE**

Name of Road : **RAFIGANJ ROAD TO CHITARSARI UNDER SCHEME MR 3054**

Date
TYPE OF MATERIAL :SEMI-DENSE
BITUMINOUS CONCRETE

DATE OF COLLECTION 15-Mar-22

DATE OF TESTING 18-Mar-22

SAMPLE NC 1,2,3

Chainage & Section:		0+156 KM	0+428 KM	0+910 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration	500	500	500
2	Wt. of filter paper before extration	6.00	6.00	6.00
3	Wt. of Mix after extration	472.61	472.06	471.78
4	Wt. of filter paper after extration	6.83	7.15	7.45
5	Wt. of filler collected from extract after allowing for seting	1.35	1.35	1.315
6	Wt. of filler collected in filter paper	0.83	1.15	1.45
7	Wt. of Aggregate + Filler collected after extration	474.79	474.56	474.5
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.04	5.088	5.09
LAYER		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value	5.074%	

Checked By

A. Kumar
15/3/2022
J.E



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS INDEX

Ref...NAME OF ROAD RAFIGANJ ROAD TO CHITARSARI UNDER SCHEME MR 3054

Date

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

17-03-22

Weight of Sample(gr) - 475GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	28	6.75	0
2	10	6.3	467	4.89	50
Total (gm)			W= 475 F.I.= 10.53	W=	50

ELONGATION INDEX

NAME OF ROAD RAFIGANJ ROAD TO CHITARSARI UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

17-03-22

Weight of Sample(gr) - 450 GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	28	20.50	0
2	10	6.3	422	14.70	48
Total (gm)			W= 450 F.I.= 10.67	W=	
F.I.+E.I.= 10.53+10.67			21.20		

Checked By

Amor
15/3/2022
J.E

Tested By



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE

Ref.....

Date

NAME OF ROAD RAFIGANJ ROAD TO CHITARSARI UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

17-03-22

Weight of Sample - 4810 GM

I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Spec.Limits Vide Table 500.15 MORTH Specification
13.2mm	0	0	0	100	100
9.5mm	88	1.8	1.8	98.2	90-100
4.75mm	2897	60.2	62.1	97.9	35-51
2.36mm	150	3.1	65.2	34.8	24-39
1.18mm	745	15.5	80.7	19.3	15-30
0.300mm	361	7.5	88.2	11.8	9-19.
0.075mm	261	5.40	93.6	6.4	3-8.
In Pan	308	6.4	100	0.0	-

Checked By

Asimov
15/3/2022
JIE

Tested By

