

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 :- POUTHU ROAD - ITARH

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	14:14:20	30	0.1	210	20.2	3250	3600	G	3.44	24.90266	84.533375	Normal
17/3/22	14:14:20	30	0.1	180	30.3	3400	3610	G	3.02	24.90253	84.533922	Normal
17/3/22	16:32:44	30	0.1	200	30.3	2640	2904	G	3.3	24.90225	84.534704	Normal
17/3/22	16:33:0	30	0.1	200	30.3	3210	3640	G	3.3	24.90203	84.535452	Normal
17/3/22	16:33:19	30	0.1	200	30.3	2000	2404	G	3.3	24.90166	84.536521	Normal
17/3/22	16:33:19	30	0.1	250	20.2	2500	2972	G	3.99	24.90147	84.537264	Normal
17/3/22	16:33:19	30	0.1	150	30.3	1500	1836	G	2.6	24.90124	84.538049	Normal
17/3/22	16:33:55	30	0.1	220	30.3	2200	2631	G	3.58	24.90113	84.538674	Normal
17/3/22	16:34:0	30	0.1	180	30.3	3200	3960	G	3.02	24.90105	84.539025	Normal
Total Length			0.9									

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

$$X = 2655$$

$$Y = 3061$$

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

Sumar
 J.E 21/3/2022

24/3/2022
 A.E

A.E
 E"E

Steco Analyzer

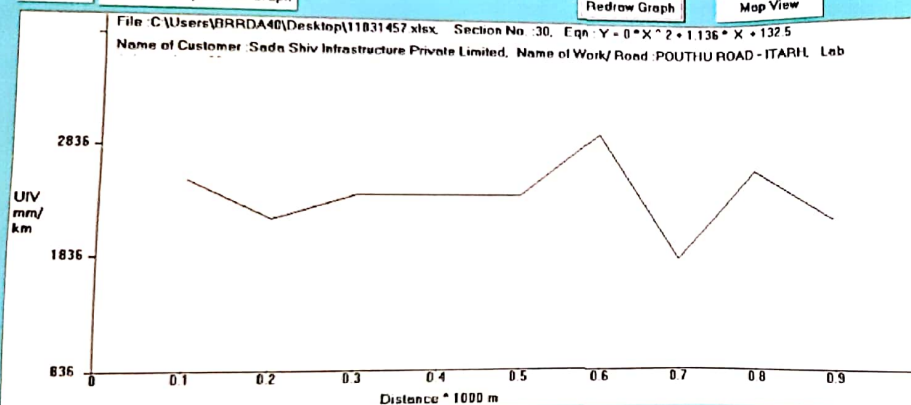
Name of Customer : Sada Shiv Infrastructure Private
 Name of Work/ Road : POUTHU ROAD - ITARIH
 Lab Job number : 30
 Date : 17-03-2022
 Section No. : 30

Test Date : 17-03-2022 Road Name : POUTHU ROAD - ITARIH
 Machine No : 377 Road Type : (R) RURAL ROAD
 Start S No : 324 Side : Religion Interval
 Start E No : 333
 Weather : Normal UIV Range : 836 To 4000 1000 mm/km
 Start Location : 24.902659 84.1 Dist Range : 0 To 1 0.1 = 1000 m
 End Location : 24.901046 84.1 Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$

Print Generate Report and Graph

Redraw Graph

Map View



Akuman
 21/3/2022
 J.E

Shyane
 21/3/2022
 AR

A
 23.03.22

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

**PAUTHU ROAD TO ITARH 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.....

Date

BITUMEN CONTENT TEST OF SEMI-DENSE BITUMINOUS CONCRETE

Name of
Road :

PAUTHU ROAD TO ITARH UNDER SCHEME MR 3054

Type Of Material : SEMI-DENSE BITUMINOUS
CONCRETE

DATE OF COLLECTION

8-Mar-22

DATE OF TESTING

12-Mar-22

SAMPLE NO.

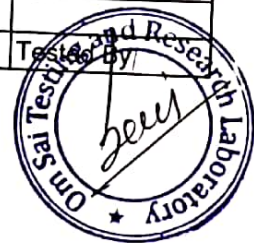
A1

A2

A3

Chainage & Section:		0+120 KM	0+545 KM	0+985 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	6.02	6.01
3	Wt. of Mix after extration	471.89	472.15	471.93
4	Wt. of filter paper after extration	6.81	6.72	6.91
5	Wt. of filler collected from extract after allowing for seting	1.79	1.805	1.780
6	Wt. of filler collected in filter paper	0.81	0.7	0.9
7	Wt. of Aggregate + Filler collected after extration	474.49	474.655	474.6
8	Percentage of Bitumen (in the Mix)	5.10	5.069	5.08
Layer		Value		
SDBC		Avg. Value	5.083%	
	Checked By			Tested By

Asuman
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

FLAKINESS INDEX

Date

Ref.....

NAME OF ROAD PAUTHU ROAD TO ITARH UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 11-03-22

Weight of Sample(gr) - 490 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	56	6.75	0
2	10	6.3	434	4.89	42
Total (gm)			W= 490	w= 42	
			F.I.= 8.57		

ELONGATION INDEX

NAME OF ROAD PAUTHU ROAD TO ITARH UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 11-03-22

Weight of Sample(gr) - 475 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	41	20.50	0
2	10	6.3	434	14.70	
Total (gm)			W= 475	w=	
			F.I.= 7.58		
F.I.+E.I.= 8.57+7.58			16.15%		

Checked By
15/3/2022
J.E



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

Ref.....**TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE (SDBC)**.....
NAME OF ROAD PAUTHU ROAD TO ITARH UNDER SCHEME 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

11-03-22

Weight of Sample - 4605 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	318	6.9	6.9	93.1	90-100
4.75mm	1995	43.3	50.2	49.8	35-51
2.36mm	848	18.4	68.6	34.4	24-39
1.18mm	541	11.7	80.4	19.6	15-30
0.300mm	186	4.0	84.4	15.6	9-19.
0.075mm	493	10.70	95.1	4.9	3-8.
In Pan	224	4.9	100	0	-

Checked By

A. Kumar
15/3/2022
J-E

