

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

Email ID:-eerwdaurangabad1@gmail.com

Mob:- 8986915333

पत्रांक...३१.....(३१३९) औरंगाबाद/दिनांक...12/01/22

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

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 औरंगाबाद
12.01.22

OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Aurangabad
Requisition Format for Scheme Head- MR(3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

Name of Works Division:- Aurangabad

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/AUR/19/0007	Const of NH-2 Repura more to chandi Asthan via Repura	10602803034	3140/22.07.19	3.7	146.33	96.65	34.96	87MBD-2019-2020 20.03.2020	19.12.2020	11.01.2022	2248	25MM	5.1027%	0.00	0.00	96.65	Comp.
TOTAL																	96.65	

[Signature]
 Executive Engineer
 Rural Works Department
 Works Division, Aurangabad
[Signature]
 12.01.22

Name Of Road :- Const of NH-2 Repura more to chandi Asthan via Repura

Date	Time	Section	Length	Bumps	Speed	OR		CATEGORY	IRI	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	UIV	ROAD				
11/ 1/ 22	14: 29: 2	23	0.1	180	40.4	1800	2177	G	3.02	24.77803	84.33281	Normal
11/ 1/ 22	14: 29: 37	23	0.1	250	20.2	2500	2972	G	3.99	24.77736	84.33219	Normal
11/ 1/ 22	14: 30: 0	23	0.1	200	20.2	2000	2404	G	3.3	24.77685	84.33138	Normal
11/ 1/ 22	14: 30: 0	23	0.1	170	30.3	1700	2063	G	2.88	24.7759	84.33125	Normal
11/ 1/ 22	14: 30: 13	23	0.1	180	30.3	1800	2177	G	3.02	24.77499	84.33109	Normal
11/ 1/ 22	14: 30: 13	23	0.1	180	40.4	1800	2177	G	3.02	24.77408	84.33091	Normal
11/ 1/ 22	14: 30: 13	23	0.1	160	30.3	1600	1950	G	2.74	24.77324	84.33072	Normal
11/ 1/ 22	14: 30: 48	23	0.1	160	40.4	1600	1950	G	2.74	24.7723	84.33044	Normal
11/ 1/ 22	14: 30: 48	23	0.1	180	30.3	1800	2177	G	3.02	24.77145	84.33012	Normal
11/ 1/ 22	14: 31: 0	23	0.1	190	40.4	1900	2290	G	3.16	24.77056	84.32978	Normal
11/ 1/ 22	14: 31: 0	23	0.1	200	30.3	2000	2404	G	3.3	24.76965	84.32951	Normal
11/ 1/ 22	14: 31: 23	23	0.1	170	30.3	1700	2063	G	2.88	24.7688	84.32951	Normal
11/ 1/ 22	14: 31: 23	23	0.1	200	30.3	2000	2404	G	3.3	24.76789	84.32953	Normal
11/ 1/ 22	14: 31: 23	23	0.1	160	40.4	1600	1950	G	2.74	24.76697	84.32956	Normal
11/ 1/ 22	14: 31: 23	23	0.1	160	30.3	1600	1950	G	2.74	24.76602	84.32936	Normal
11/ 1/ 22	14: 32: 0	23	0.1	160	30.3	1600	1950	G	2.74	24.76512	84.32902	Normal
11/ 1/ 22	14: 32: 0	23	0.1	190	40.4	1900	2290	G	3.16	24.7643	84.32877	Normal
11/ 1/ 22	14: 32: 0	23	0.1	210	30.3	2100	2518	G	3.44	24.76344	84.32835	Normal
11/ 1/ 22	14: 32: 34	23	0.1	170	30.3	1700	2063	G	2.88	24.76257	84.32813	Normal
11/ 1/ 22	14: 32: 34	23	0.1	160	30.3	1600	1950	G	2.74	24.76168	84.32793	Normal
11/ 1/ 22	14: 32: 34	23	0.1	150	30.3	1500	1836	G	2.6	24.76076	84.32759	Normal
11/ 1/ 22	14: 33: 0	23	0.1	170	40.4	1700	2063	G	2.88	24.75989	84.32726	Normal
11/ 1/ 22	14: 33: 9	23	0.1	230	30.3	2300	2745	G	3.72	24.75918	84.32663	Normal
11/ 1/ 22	14: 33: 9	23	0.1	210	30.3	2100	2518	G	3.44	24.75844	84.32606	Normal
11/ 1/ 22	14: 33: 9	23	0.1	270	30.3	2700	3199	G	4.26	24.7576	84.32566	Normal
11/ 1/ 22	14: 34: 0	23	0.1	170	40.4	1700	2063	G	2.88	24.75668	84.32529	Normal
11/ 1/ 22	14: 37: 37	23	0.1	180	40.4	1800	2177	G	3.02	24.7712	84.32998	Normal
11/ 1/ 22	14: 37: 37	23	0.1	210	40.4	2100	2518	G	3.44	24.77219	84.33034	Normal
11/ 1/ 22	14: 38: 0	23	0.1	170	40.4	1700	2063	G	2.88	24.77303	84.33062	Normal
11/ 1/ 22	14: 38: 14	23	0.1	160	40.4	1600	1950	G	2.74	24.77396	84.33082	Normal
11/ 1/ 22	14: 38: 14	23	0.1	170	40.4	1700	2063	G	2.88	24.77489	84.33103	Normal
11/ 1/ 22	14: 38: 14	23	0.1	180	40.4	1800	2177	G	3.02	24.77581	84.3312	Normal
11/ 1/ 22	14: 38: 14	23	0.1	160	40.4	1600	1950	G	2.74	24.77673	84.33131	Normal
11/ 1/ 22	14: 38: 49	23	0.1	190	30.3	1900	2290	G	3.16	24.77734	84.33189	Normal
11/ 1/ 22	14: 39: 0	23	0.1	220	30.3	2200	2631	G	3.58	24.77792	84.33268	Normal
11/ 1/ 22	14: 39: 14	23	0.1	160	40.4	2300	2829	G	3.74	24.77397	84.33081	Normal

Total Length

3.6

Assistant Engineer
Rural Works Department
Works Sub-Div. Aurangabad

E'E

$$Y = 0 \cdot X^2 + 1.136 \cdot X + 132.5$$

$$X = 1861$$

$$Y = 2248$$

(R) RURAL ROAD

Good Average Poor
<4000 4001-5000 >5001

Sero Analyzer

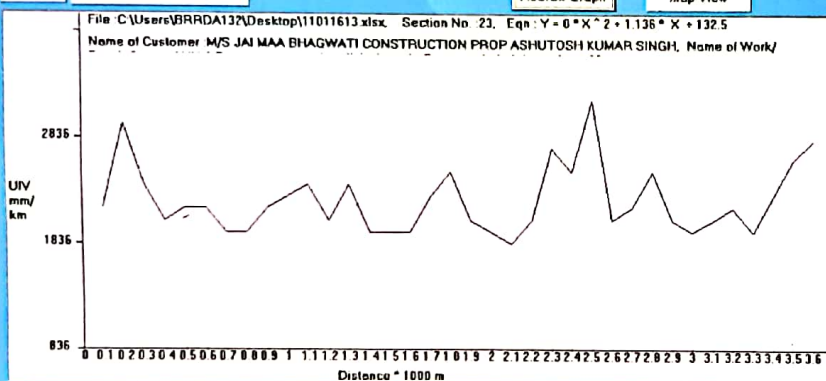
Name of Customer : M/S JAI MAA BHAGWATI COF
 Name of Work/ Road : re to chandi Asthen via Repura
 Lab Job number : 23
 Date : 11-01-2022
 Section No. : 23

Test Date : 11-01-2022
 Machine No : 377
 Start S No : 03
 Start E No : 38
 Weather : Normal
 Start Location : 2477803 84
 End Location : 2477397 84
 Road Name : re to chandi Asthen via Repura
 Road Type : (R) RURAL ROAD
 Side : Aurangabad
 Interval :
 UV Range : 836 To 4000 1000 mm/km
 Dist Range : 0 To 37 01 * 1000 m
 Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$

Print Generate Report and Graph

Redraw Graph

Map View



[Signature]
 11/01/22
 JE

[Signature]
 11/01/2022
 Assistant Engineer
 Rural Works Department
 Works Sub-Div. Aurangabad

[Signature]
 11/1/22
 E'E

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

**NH 2 REPURA MORE TO CHANDI ASTHAN VIA REPURA
UNDER SCHEME
MR 3054
AGREEMENT NO -87MBD/2019-20**

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

**AGENCY NAME :
JAI MAA BHAGWATI CONSTRUCTION
AURANGABAD BIHAR**

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

2nd floor mukhewari complex fraser road putna

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

Date

Ref.....BITUMEN CONTENT TEST OF SEMI-DENSE BITUMINOUS CONCRETE

Name of Road : NH 2 REPURA MORE TO CHANDI ASTHAN VIA REPURA UNDER Type Of Material : SEMI-DENSE BITUMINOUS CONCRETE

DATE OF COLLECTION 5-Jan-21

DATE OF TESTING 9-Jan-21

SAMPLE NO.

A1 A2 A3

Chainage & Section:				
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	472.15	471.48	472.03
4	Wt. of filter paper after extration	7.11	7.41	6.92
5	Wt. of filler collected from extract after allowing for seting	1.43	1.51	1.420
6	Wt. of filler collected in filter paper	1.11	1.41	0.92
7	Wt. of Aggregate + Filler collected after extration	474.69	474.4	474.4
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.06	5.12	5.13
Layer		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value 5.1027%		

Checked By

[Signature]
11/01/21
06



OM SAI TESTING AND RESEARCH LABORATORY

1st floor maheshwari complex framer road palam

PIN CODE 800001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS

Ref.....

FLAKINESS INDEX

Date

NAME OF ROAD NH 2 REPURA MORE TO CHANDI ASTHAN VIA REPURA UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 07-01-21

Weight of Sample(gr) - 520 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	52	6.75	0
2	10	6.3	465	4.89	47

Total (gm)

W= 520
F.I.= 9.038

W= 47

ELONGATION INDEX

NAME OF ROAD NH 2 REPURA MORE TO CHANDI ASTHAN VIA REPURA UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 07-01-21

Weight of Sample(gr) - 549 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	48	20.50	0
2	10	6.3	501	14.70	46

Total (gm)

W= 549

F.I.= 8.37

W= 46

F.I.+E.I.= 8.43+8.69

17.408%

Checked By

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road palni

PIN CODE 626001

Date

Ref..... TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE (SDBC)
NAME OF ROAD NH 2 REPURA MORE TO CHANDI ASTHAN VIA REPURA UNDER SCHEME
MR3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 07-01-21

Weight of Sample - GM					4286
I.S Scive 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	152	3.55	3.55	96.45	90-100
4.75mm	2103	49.07	52.62	47.38	35-51
2.36mm	674	15.72	68.34	31.66	24-39
1.18mm	390	9.1	77.44	22.56	15-30
0.300mm	391	9.19	86.63	13.37	9-19
0.075mm	327	7.62	94.25	5.75	3-8
In Pan	246	5.75	100	0	-

Checked By

Tested By