

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

पत्रांक 2588 / दिनांक 22.12.20

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सीतामढ़ी।

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव,
ग्रामीण कार्य विभाग,
बिहार, पटना।

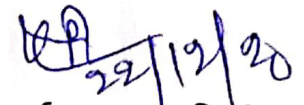
विषय:— शीर्ष बिहार नई अनुरक्षण नीति 2018 (MR 3054) में आवंटन देने के संबंध में।

महाशय,

उपर्युक्त विषयक इस प्रमंडल अंतर्गत चल रहे नई अनुरक्षण नीति 2018 (MR 3054) में स्वीकृत योजनाओं के विभिन्न कार्यों के लिए संलग्न विवरणी अनुसार भुगतान हेतु आवंटन देने की कृपा की जाय।

अनु०:— यथोक्त।

विश्वासभाजन



कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सीतामढ़ी।

22.12.20

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- Sitamarhi

Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Length (In KM)	Administrative Approval (AA)		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
						Amount (In Lakh)	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/Sitamarhi/11	Bharokodhi Bhis - Vishwanathpur	NEA220001877	Lt. No.-5255 Dt.-04.10.19	3.038	170.52000	27.98000	146.65071	22.79598	13/ MBD/20-21	25.03.21	2716	25mm	5.00%	102.65550	102.65550	43.99521	
					3.038	170.52000	27.98000	146.65071	22.79598						102.66	102.66	43.99521	

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

22/12/20
22/12/20
Executive Engineer
RWD (W) Division,
Sitamarhi

Date	Time	Section	Length	Bumps	Speed	OR	TEGORY
		No.	in km	in mm	Rate	mm/km	UIV
28/10/20	12:14:0	4	0.1	190	0	1900	1865 G
28/10/20	12:14:0	4	0.1	210	40.4	2100	2063 G
28/10/20	12:14:32	4	0.1	300	30.3	3000	2953 G
28/10/20	12:15:0	4	0.1	270	0	2700	2656 G
28/10/20	12:15:8	4	0.1	370	10.1	3700	3645 G
28/10/20	12:16:0	4	0.1	310	20.2	3100	3052 G
28/10/20	12:16:18	4	0.1	340	10.1	3400	3349 G
28/10/20	12:17:0	4	0.1	410	0	4100	4041 A
28/10/20	12:18:4	4	0.1	320	30.3	3200	3151 G
28/10/20	12:18:39	4	0.1	340	40.4	3400	3349 G
28/10/20	12:18:39	4	0.1	220	30.3	2200	2162 G
28/10/20	12:19:0	4	0.1	370	10.1	3700	3645 G
28/10/20	12:19:15	4	0.1	590	0	5900	5821 P
28/10/20	12:19:15	4	0.1	430	30.3	4300	4239 A
28/10/20	12:20:0	4	0.1	210	10.1	2100	2063 G
28/10/20	12:20:0	4	0.1	240	20.2	2400	2360 G
28/10/20	12:20:25	4	0.1	200	40.4	2000	1964 G
28/10/20	12:21:0	4	0.1	190	30.3	1900	1865 G
28/10/20	12:27:0	4	0.1	270	10.3	2700	2656 G
28/10/20	12:28:4	4	0.1	210	40.4	2100	2063 G
28/10/20	12:28:4	4	0.1	370	10.1	3700	3645 G
28/10/20	12:28:39	4	0.1	190	30.3	1900	1865 G
28/10/20	12:28:39	4	0.1	200	40.4	2000	1964 G
28/10/20	12:29:0	4	0.1	210	40.4	2100	2063 G
28/10/20	12:29:14	4	0.1	300	30.3	3000	2953 G
28/10/20	12:29:14	4	0.1	150	40.4	1500	1469 G
28/10/20	12:29:14	4	0.1	190	40.4	1900	1865 G
28/10/20	12:29:14	4	0.1	190	30.3	1900	1865 G
28/10/20	12:29:14	4	0.1	220	30.3	2200	2162 G
28/10/20	12:29:50	4	0.1	270	0	2700	2656 G
28/10/20	12:30:25	4	0.1	270	20.2	2800	2755 G
28/10/20	12:30:25	4	0.1	280			
AVERAGE						2716	

IRI	Latitude	Longitude	Event
2.63	26.56272	85.52379	Normal
2.88	26.5636	85.52424	Normal
3.97	26.5642	85.52493	Normal
3.61	26.56497	85.52557	Normal
4.79	26.5658	85.52603	Normal
4.09	26.56667	85.52648	Normal
4.44	26.56745	85.52697	Normal
5.25	26.56826	85.52761	Speed Breaker
4.2	26.56888	85.52832	Normal
4.44	26.56962	85.52886	Normal
3	26.57029	85.52946	Normal
4.79	26.57085	85.5303	Normal
7.27	26.57165	85.53096	Speed Breaker
5.48	26.57238	85.53135	Curve
2.88	26.57311	85.53207	Normal
3.25	26.57396	85.53242	Normal
2.76	26.57487	85.53258	Normal
2.63	26.57584	85.53274	Normal
3.61	26.57669	85.5331	Normal
2.88	26.57747	85.53352	Normal
4.79	26.57828	85.53375	Normal
2.63	26.57916	85.53386	Normal
2.76	26.58007	85.53377	Normal
2.88	26.58103	85.53377	Normal
3.97	26.58201	85.53365	Normal
2.13	26.58292	85.53347	Normal
2.63	26.58379	85.53	Normal
2.63	26.58476	85.53347	Normal
3	26.58562	85.53342	Normal
3.61	26.58634	85.53394	Normal
3.73	26.58611	85.53495	Normal

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

$$X = 2800$$

$$Y = 2755$$

(R) RURAL ROAD

Good Average Poor
 <4000 4001-5000 >5001

D. N. S.
 12/11/20

D. N. S.
 12/11/20

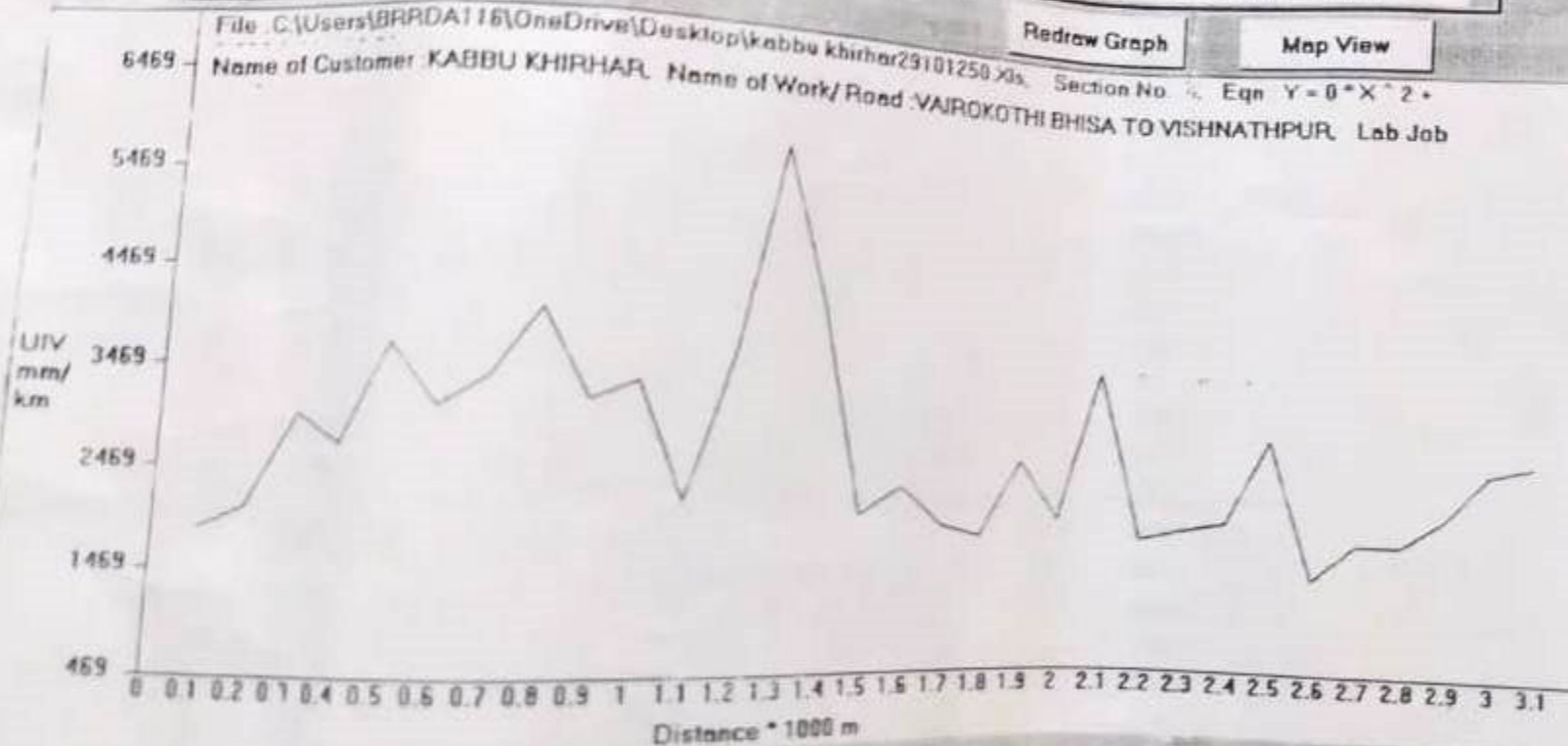
Name of Customer: KABBU KHIRHAR
 Name of Work/Road: VAJROKOTHI BHISA TO VISHNATHPUR
 Lab Job number:
 Date: 28-10-2020
 Section No: 4

Test Date: 28-04-2010
 Machine No: 394
 Start S No:
 Start E No:
 Weather:
 Start Location:
 End Location:
 Road Name: HI BHISA TO VISHNATHPUR
 Road Type: (R) RURAL ROAD
 Side:
 Interval:
 UIV Range: 469 To 7000 1000 mm/km
 Dist Range: 0 To 3.2 0.1 * 1000 m
 Equation: $Y = 0 * X^2 + 0.989 * X - 13.58$

Print Generate Report and Graph

Redraw Graph

Map View



28-10-20
 KE

28/10/20
 BS

28/10/20

REGIONAL LABORATORY

RURAL WORKS DEPARTMENT MUZAFFARPUR

TEST RESULT FOR BINDER CONTENT (BITUMEN) OF PAVING MIXTURE THROUGH CENTRIFUGE (Bituminous Macadam)

NAME OF ROAD :- Bhairo Kothi Bhisra to Vishwanathpur Path under Dumra Block under MR(3054)

NAME OF WORKS DIVISION :- R.W.D WORKS DIVISION Sita marhi.

DATE OF COLLECTION / RECEIPT :- 07.10.2020

NAME OF AGENCY :- M/s Kabhu Khirbar.

DATE OF TEST :- 10.10.2020

AGREEMENT NO :- 13/MBD/2020-21

PACKAGE NO :- MR(3054)

Ref:- (PIU) A.E.R.W.D.WORKS SUB DIV L:A (Self) LT NO: DT 07.10.2020

SL NO	OBSERVATIONS	NO. OF TEST			Mean Value	Remarks
	(All wt. in gm)	1	2	3		
1.	Wt. of mix taken before extraction (A)	491	509	489		
2.	Wt. of Filter paper before extraction (B)	6.502	6.537	6.124		
3.	Wt. of mix after extraction (C)	472.576	490.031	470.751		
4.	Wt. of Filter paper after extraction (D)	6.670	6.712	6.290		
5.	Wt. of filler collected from extract after allowing for setting (E)	1.012	0.989	0.992	3.502	
6.	Wt. of filler collected in filter paper (D - B) = F	0.168	0.175	0.166		
7.	Wt. of aggregate + filler collected after extraction (C+E+F) = G	473.756	491.195	471.909		
8.	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	3.512	3.498	3.495		

Copy To :- E.E. RWD. Works Division Sita marhi.

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कायपालक अभियन्ता
ग्रामीण कार्य विभाग
क्षेत्रीय प्रयोगशाला, मुजफ्फरपुर

REGIONAL LABORATORY
R.W.D, MUZAFFARPUR

GRADATION TEST OF S.D.B.C.

Name of works:- Bhaira Kothi Bhisra to Vishwanathpur Path under Dumra Block under MR(3054)

Name of Division:- R.W.D, Works Division Sitamarhi Date of Collection 07.10.20

Name of Agency:- M/S. Kabbu Khirhar Date of Test 10.10.2020

Agreement No:- 13/MBD/2020-21 Package No:- MR(3054)

Ref:- (PIU) A.E, R.W.D, Works Sub Div. LA (Self) LT. No:- Dt. 07.10.2020

SL. No.	Sieve No. mm	Weight Retained (KG)	% Wt. of Retained	Cumulative % Retained	% of passing	Required Limit %	Remarks
1	2	3	4	5	6	7	8
		CH. 500 M.					
		Wt. of Sample - 13.674 kg.					
	13.2	NIL	NIL	NIL	100	100	Not permissible.
	9.5	0.740	5.41	5.41	94.59	90-100	
	4.75	6.959	50.89	56.30	43.70	35-51	
	2.36	1.954	14.29	70.59	29.41	24-39	
	1.18	0.655	4.79	75.38	24.62	15-30	
	0.300	1.521	11.12	86.50	13.50	9-19	
	0.075	1.060	7.75	94.25	5.75	3-8	
			/				

Memo No:- 1147 Date:- 14/10/2020

Copy forwarded to - Executive Engineer
R.W.D, Works Division Sitamarhi

[Signature]
10/10/20
A.E

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10-10-20
E.E
R.W.D

REGIONAL LABORATORY
MUZAFFARPUR

कायपालक अभियन्ता
ग्रामीण कार्य विभाग
क्षेत्रीय प्रयोगशाला, मुजफ्फरपुर

[Signature]
10/10/20
LA

ISSUE NO. 1147. DATE 14/10/2020

REGIONAL LABORATORY

RURAL WORKS DEPARTMENT MUZAFFARPUR

TEST RESULT FOR BINDER CONTENT (BITUMEN) OF PAVING MIXTURE THROUGH CENTRIFUGE (SDBC Bitumen)

NAME OF ROAD :- Bhairo Kothi Bhisra to Vishwanathpur Path under Dumra Block under MR(3054)

NAME OF WORKS DIVISION :- R.W.D WORKS DIVISION Sitamarhi.

DATE OF COLLECTION / RECEIPT :- 07.10.2020

NAME OF AGENCY :- M/s Kabbu Khishan

DATE OF TEST :- 10.10.2020

AGREEMENT NO :- 13/MBD/2020-21

PACKAGE NO :- MR(3054)

Ref:- (PIU) A.E.R.W.D.WORKS SUB DIV L.A (Self) LT NO: DT 07.10.2020

SL.NO	OBSERVATIONS	CH-500 M.			NO. OF TEST		Mean Value	Remarks
		1	2	3	1	2		
1.	Wt. of mix taken before extraction (A)	466	478	439				
2.	Wt. of Filter paper before extraction (B)	5.084	5.029	5.026				
3.	Wt. of mix after extraction (C)	441.075	452.367	415.420				
4.	Wt. of Filter paper after extraction (D)	5.349	5.305	5.289			5.038	
5.	Wt. of filler collected from extract after allowing for setting (E)	1.188	1.256	1.209				
6.	Wt. of filler collected in filter paper (D - B) = F	0.265	0.276	0.263				
7.	Wt. of aggregate + filler collected after extraction (C+E+F) = G	442.528	453.899	416.892				
8.	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.037	5.042	5.036				Permissible.

Copy To :- E.E. RWD.Works Division Sitamarhi.

LA 10/10/20

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रामजीपल्लव अभियन्ता
ग्रामीण कार्य विभाग
मुजफ्फरपुर

REGIONAL LABORATORY

R.W.D, MUZAFFARPUR

PHYSICAL & GRADATION TEST OF WBM Gr. IIIName of Work :- Bhaino Kothi Bhiga to Vishwanathpur Path under Dumra Block.
under MR(3054)

Name of Division :- R.W.D Works Division Sitamarhi Date of Collection/ Receipt 07.10.2020

Name of Agency :- M/s. Kabbu Khirhar Date of Test :- 10.10.2020

Agreement No :- 13/MBD/2020-21 Package No :- MR(3054)

Ref :- (PIU) A.E, R.W.D, Works Sub Div Dumra LT No :- 0/Enclosure/DT 10.08.2020

PHYSICAL TEST

SL.NO	A.I.V		WATER ABSORPTION		REMARKS
	TEST VALUE %	REQUIRED LIMIT %	TEST VALUE %	REQUIRED LIMIT %	
1.	21.42%	40%	0.833%	3%	Permissible.

GRADATION TEST

SL.NO	Sieve No. mm	Weight Retained (KG)	% Wt. of Retained	Cumulative % Retained	% of passing (KG)	Required limit %	Remarks
		CH - 1365 M.					
		Wt. of Sample - 32.260 Kg.					
		Wt. of Screening - 6.968 "					
		Wt. of Stone Metal = 25.292 Kg.					
	63	NIL	NIL	NIL	100	100	Permissible
	53	1.300	5.14	5.14	94.86	95 - 100	
	45	7.099	28.07	33.21	66.79	65 - 90	
	22.4	14.330	56.66	89.87	10.13	0 - 10	
	11.2	2.303	9.11	98.98	1.02	0 - 5	

Memo No :- 1147 Date :- 14/10/2020

Copy to :- E.E, R.W.D, Works Div Sitamarhi

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कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
क्षेत्रीय प्रयोगशाला, मुजफ्फरपुर

REGIONAL LABORATORY

R.W.D, MUZFFARPUR

TEST RESULT OF CONCRETE CUBE

Name of Work :- Cube Test for ccp M30.

Name of Road :- Bhaira Kothi Bhiga to Vishwanathpur Path under Dumra Block - under MR (3054).

Name of Division :- R.W.D Works Division Sitamarhi Date of Collection/Receipt 07.10.20

Name of Agency :- M/s. Kabbu Khairhar. Date of Test :- 10.10.2020

Agreement No :- 13/MBD/2020-21 Package No :- MR (3054)

Ref :- (PIU) A.E R.W.D Works Sub Div. Dumra LT No :- 0/Enclosure DT 10.08.2020

SL. No	Test after 28 days CH. 970 M.			Test after 28 days CH. 1890 M.		
Dt. of Concreting	02.08.20	02.08.20	02.08.20	10.08.20	10.08.20	10.08.20
Dt. Of Test	10.10.20	10.10.20	10.10.20	10.10.20	10.10.20	10.10.20
I D Mark	KK _{1/1}	KK _{1/2}	KK _{1/3}	KK _{2/1}	KK _{2/2}	KK _{2/3}
Area C.M ²	225	225	225	225	225	225
Maximum Load KN	700.00	680.00	710.00	690.00	670.00	700.00
Crushing Strength Kg/CM ²	317.46	308.39	321.99	312.92	303.85	317.46
Remarks	— M30 —			— M30 —		

Remarks :- M30.

Memo No. 1147 Date 14/10/2020

Copy To :- E.E R.W.D Works Division Sitamarhi.

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10/10/20

E.E
R.W.D

Regional Laboratory

Muzaffarpur

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
क्षेत्रीय प्रयोगशाला, मुजफ्फरपुर