

कार्यपालक अभियंता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल,सीवान-01

पत्रांक 12993160

दिनांक 18/10/21

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल,सीवान-01

सेवा में,

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

विषय:- योजना शीर्ष नई अनुरक्षण नीति 2018 MR/3054 अंतर्गत पथो मे मरम्मती हेतु अधियाचना के संबंध मे ।

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक मे कहना है कि इस प्रमंडल अंतर्गत योजना शीर्ष नई अनुरक्षण नीति 2018 MR/3054 अंतर्गत संलग्न विहित प्रपत्र मे 92.45000 लाख रुपए मात्र आवंटन देने की कृपा की जाय ।

अनु0- अधियाचना पत्र, Bump Integrator Equipment Report की छाया प्रति,एकरारनामा की छाया प्रति ।

विश्वासभाजन



कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल,सीवान-01

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

Name of the Works Division :-Siwan-1

Sl. No.	Package No.	Name of Road	Project_ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (in Lakh)		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)	Upto date Expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
					Length (in km.)	Amount (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	RM/SI/SIW/20/03	Kail Gyanimore to Parwa Mathiya	31406601006	659/10.02.2020	4.050	149.51	92.80	35.684	32MBD/2020-21/23.09.2020	22.06.2021	02.09.2021	2470	25mm	5.00%	0.00000	0.00000	92.45000	

- 1 Signed Hard Copy and Soft Copy (in excell) of recorded IRI is enclosed.
- 2 Up-to- date Physical Progress has been uploaded In MIS.

[Signature]
18/10/21

Executive Engineer
RWD, Siwan-01

Road Name :-Kail Gyani more to Parwa mathiya

Date	Time	Section	Length	Bumps	Speed	OR	IRI CATEGORY	Latitude	Longitude	Event
No.		in km	in mm	Rate	mm/km	mm/km	ROAD			
17/10/21	13:35:29	90	0.1	170	0	1700	1894 G	26.34964	84.42404	Normal
17/10/21	13:36:6	90	0.1	280	0	2800	2854 G	26.35013	84.42455	Normal
17/10/21	13:37:0	90	0.1	310	10.1	3100	3116 G	26.35074	84.42512	Normal
17/10/21	13:37:17	90	0.1	250	10.1	2500	2592 G	26.35086	84.42606	Normal
17/10/21	13:37:52	90	0.1	220	10.1	2200	2330 G	26.35079	84.42702	Normal
17/10/21	13:38:26	90	0.1	240	10.1	2400	2505 G	26.35114	84.42754	Normal
17/10/21	13:38:26	90	0.1	240	10.1	2400	2505 G	26.3518	84.42798	Normal
17/10/21	13:39:2	90	0.1	220	10.1	2200	2330 G	26.35216	84.4288	Normal
17/10/21	13:39:2	90	0.1	250	10.1	2500	2592 G	26.35262	84.42965	Normal
17/10/21	13:40:0	90	0.1	300	10.1	3000	3029 G	26.3532	84.43034	Normal
17/10/21	13:40:12	90	0.1	200	10.1	2000	2156 G	26.35372	84.43108	Normal
17/10/21	13:40:12	90	0.1	180	10.1	1800	1981 G	26.35424	84.43187	Normal
17/10/21	13:41:0	90	0.1	170	10.1	1700	1894 G	26.35479	84.43261	Normal
17/10/21	13:41:23	90	0.1	180	10.1	1800	1981 G	26.3553	84.4333	Culvert
17/10/21	13:42:0	90	0.1	230	10.1	2300	2418 G	26.35597	84.43357	Normal
17/10/21	13:42:0	90	0.1	140	10.1	1400	1632 G	26.35617	84.43449	Normal
17/10/21	13:42:33	90	0.1	250	10.1	2500	2592 G	26.35609	84.43542	Normal
17/10/21	13:44:0	90	0.1	190	0	1900	2068 G	26.35606	84.43643	Normal
17/10/21	13:44:54	90	0.1	250	0	2500	2592 G	26.35591	84.43732	Normal
17/10/21	13:45:0	90	0.1	230	10.1	2300	2418 G	26.35597	84.43828	Normal
17/10/21	13:45:30	90	0.1	230	10.1	2300	2418 G	26.35605	84.43923	Normal
17/10/21	13:45:30	90	0.1	230	10.1	2300	2418 G	26.35684	84.43948	Normal
17/10/21	13:46:5	90	0.1	210	10.1	2100	2243 G	26.35767	84.43976	Normal
17/10/21	13:46:5	90	0.1	160	20.2	1600	1806 G	26.35841	84.44019	Normal
17/10/21	13:46:40	90	0.1	250	10.1	2500	2592 G	26.3592	84.44062	Normal
17/10/21	13:47:0	90	0.1	240	20.2	2400	2505 G	26.35999	84.44091	Normal
17/10/21	13:47:16	90	0.1	230	20.2	2300	2418 G	26.36086	84.44109	Normal
17/10/21	13:47:16	90	0.1	180	20.2	1800	1981 G	26.36167	84.44128	Normal
17/10/21	13:48:0	90	0.1	260	20.2	2600	2679 G	26.36253	84.44145	Normal
17/10/21	13:48:0	90	0.1	170	20.2	1700	1894 G	26.36339	84.44158	Normal
17/10/21	13:48:26	90	0.1	220	20.2	2200	2330 G	26.36423	84.44168	Normal
17/10/21	13:48:26	90	0.1	200	20.2	2000	2156 G	26.3651	84.4419	Normal
17/10/21	13:49:1	90	0.1	170	10.1	1700	1894 G	26.36596	84.442	Normal
17/10/21	13:49:1	90	0.1	270	20.2	2700	2767 G	26.36677	84.44226	Normal
17/10/21	13:49:37	90	0.1	260	20.2	2600	2679 G	26.36761	84.44237	Normal
17/10/21	13:50:0	90	0.1	240	10.1	2400	2505 G	26.36847	84.44263	Normal

$$Y = 0 * X^2 + 0.873 * X + 410.1$$

$$X = 3125$$

$$Y = 3138$$

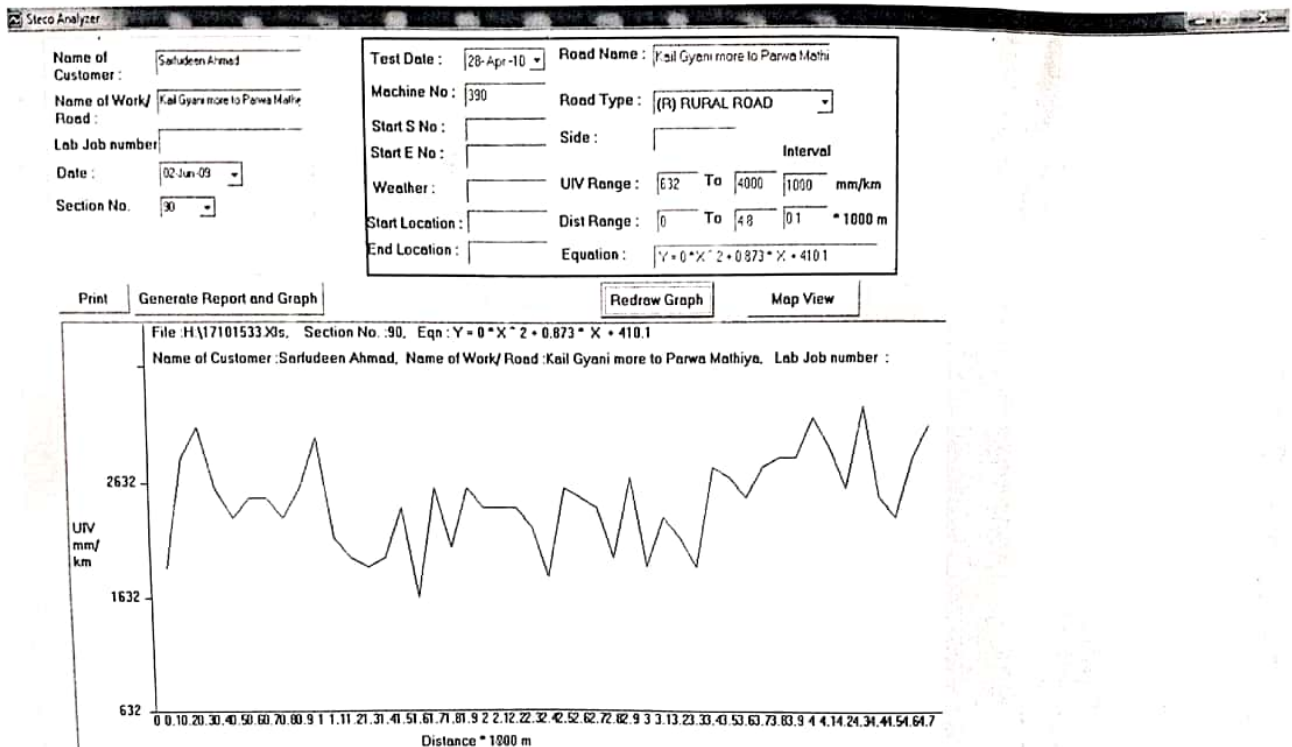
(R) RURAL ROAD
 Good Average Poor
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17/ 10/ 21	13: 50: 12	90	0.1	270	10.1	2700	2767	G		26.36847	84.44354	Normal
17/ 10/ 21	13: 50: 47	90	0.1	280	10.1	2800	2854	G		26.36878	84.44414	Normal
17/ 10/ 21	13: 51: 0	90	0.1	280	10.1	2800	2854	G		26.36966	84.44436	Normal
17/ 10/ 21	13: 51: 23	90	0.1	320	10.1	3200	3203	G		26.37052	84.44449	Curve
17/ 10/ 21	13: 51: 23	90	0.1	290	10.1	2900	2941	G		26.37048	84.44539	Normal
17/ 10/ 21	13: 52: 0	90	0.1	250	10.1	2500	2592	G		26.37033	84.44638	Normal
17/ 10/ 21	13: 52: 0	90	0.1	330	10.1	3300	3291	G		26.37016	84.44729	Normal
17/ 10/ 21	13: 52: 33	90	0.1	240	20.2	2400	2505	G		26.36997	84.44822	Normal
17/ 10/ 21	13: 53: 0	90	0.1	220	20.2	2200	2330	G		26.3697	84.44918	Normal
17/ 10/ 21	13: 53: 8	90	0.1	280	10.1	2800	2854	G		26.36943	84.45008	Normal
17/ 10/ 21	13: 53: 8	90	0.016	50	70.7	3125	3138	G		26.36936	84.45027	Normal

Am
17/10/21
28

Am
18/10/21



dnw
27/10/21
202

27/10/21
EF

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल,सीवान-01

प्रमाणित किया जाता है कि बड़हरिया प्रखण्ड के 3054(MR) योजना अंतर्गत निर्मित पथ कैल ज्ञानी मोड़ से पड़वा मठिया का कार्य प्राक्लन मे प्रावधान के अनुरूप पूर्ण किया गया है ।


कनीय अभियन्ता

बड़हरिया


18/10/21
E E

सहायक अभियन्ता

बड़हरिया

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

ONE THOUSAND

रु.1000

Rs.1000

INDIA

BIHAR

Agreement No. 4/2019-20/21

Dated 21/09/2020

THIS AGREEMENT effect from the 23rd Day of.....September 2020, between Executive Engineer RWD Works Division, Siwan-01 (hereinafter "the Employer"), of the one part, Sarfudeen Ahinad At-Mohidipur PS-Siwan Dist-Siwan-841226 (Bihar) (hereinafter "the Contractor") of the other part.

WHEREAS the Employer desires that the Works Known as Construction of Road

Package No.	Road Name	Length (KM.)	Main. Cons.	Maintenance
MR. N/2019 20-1/13 (Tender ID-92781) Under MR-3054 Block-Barharia	Lakri to Auria	4.00	101.331	42.851
	Giyani More to sawana	3.50	60.616	30.290
	Kali (Giyani more) Parwa Mathiya	4.05	100.902	38.516
Total Cost.		262.849 + 111.657 = 374.505 (Lakh.)		

Agreement Value (7.86% below) ₹ 3,45,13,24.00 (Three Crore Forty-Five Lakh Thirteen Thousand Two Hundred N nety-Four only) should be executed by the Contractor and has accepted a Bid by the contractor for the execution and completion (by 22nd June 2021) of these Works and the remedying of any defects therein as on 22nd June 2026.

1. Name of the Road: <u>Old N. 2nd St. 1/4 Sec. 1, T13N, R10E, S10E</u> <u>1/4 Sec. 1, T13N, R10E, S10E</u> <u>1/4 Sec. 1, T13N, R10E, S10E</u>		Name of the works Division <u>Sanitation</u>	
2. Package No./Agreement No. <u>39, 11/11/1971</u>		Name of the works circle <u>General</u>	
3. Nature of Sample: <u>5.5 - 1 (Ex. line) Top soil to 60" Circle 20"</u>		Name of Agency <u>San. Comm. Indus. Co. Miami</u>	
4. Sample collected by: <u>R. E. P. L. Co. 1/11/71 San. Division</u>			
5. Location: <u>San. Comm. Indus. Co. 1/11/71 San. Division</u> <u>(Date) - 21/05/1971</u>			

A.I.V.		Remarks	Date of Collection/Received on Lab :- <u>25/05/71</u>
Test Value	Required Value max (%)		
1. <u>1.0</u>	1.0	<u>Acceptable</u>	Date of Test :- <u>31/05/1971</u>
2. <u>1.0</u>	1.0		

Weight of sample taken.....28.188.....kg.

Sr.	I.S. Sieve Size/Designation mm	Wt. of sample retained in gm	% of Weight retained	Cumulative % of wt retained	% of weight passing	Required Value in %	Remarks
1	2	3	4	5	6	7	8
1	75 μ m	2	0.02	0	100	100	Sample is fine
2	150 μ m	140	51.85	51.85	48.15	100	
3	300 μ m	280	103.70	74.10	25.90	100	
4	475 μ m	240	85.71	96.71	3.29	100	
5	750 μ m	100	35.71	100	0	100	
6				Sample is fine	100	100	Sample is fine
7	75 μ m	0	0	0	100	100	
8	150 μ m	90	32.14	32.14	67.86	100	
9	300 μ m	110	38.57	70.71	29.29	100	
10	475 μ m	160	53.70	84.41	15.59	100	
11	750 μ m	100	33.33	96.88	3.12	100	Sample is fine
12	1500 μ m	100	33.33	100	0	100	

10

R.A. / JE

A.E

Executive Engineer
RWD Regional Laboratory
Chennai (B. & C)

15/03/2018 31/03/2018 31/03/2018

**OFFICE OF THE EXECUTIVE ENGINEER
R.W.D. REGIONAL LABORATORY, CHAPRA (BIHAR)
RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE**

1. Name of the Road: <u>PH-10, B.N. 2017-2018, 1/43, 300, 100, 100, 100</u>		Name of the works Division <u>Sub-division</u>
2. Package No./Agreement No. <u>2017-2018, 1/43, 300, 100, 100, 100</u>		Name of the works circle <u>Sub-division</u>
3. Nature of Sample <u>PH-10, B.N. 2017-2018, 1/43, 300, 100, 100, 100</u>		Name of Agency <u>Sub-division</u>
4. Sample collected by <u>PH-10, B.N. 2017-2018, 1/43, 300, 100, 100, 100</u>		
5. Location <u>PH-10, B.N. 2017-2018, 1/43, 300, 100, 100, 100</u>		
A.I.V.		Date of Collection/Received on Lab:- <u>23/08/2018</u>
Test Value	Required Value max(%)	Remarks
100	100	Permissible <u>Permissible</u>
100	100	Date of Test:- <u>23/08/2018</u>

SIEVE ANALYSIS FOR GRADATION

Weight of sample taken.....27.985 kg.

S. No.	U.S. Sieve Size Designation mm	Wt. of sample retained in gm	% of Weight retained	Cumulative % of wt retained	% of weight passing	Required Value in %	Remarks
1	2	3	4	5	6	7	8
1	75	0	0	0	100	100	
2	150	0	0	0	100	100	
3	300	0	0	0	100	100	
4	600	0	0	0	100	100	
5	1200	0	0	0	100	100	
6	2500	0	0	0	100	100	
7	5000	0	0	0	100	100	
8	10000	0	0	0	100	100	
9	20000	0	0	0	100	100	
10	40000	0	0	0	100	100	
11	80000	0	0	0	100	100	
12	160000	0	0	0	100	100	
13	320000	0	0	0	100	100	
14	640000	0	0	0	100	100	
15	1280000	0	0	0	100	100	
16	2560000	0	0	0	100	100	
17	5120000	0	0	0	100	100	
18	10240000	0	0	0	100	100	
19	20480000	0	0	0	100	100	
20	40960000	0	0	0	100	100	
21	81920000	0	0	0	100	100	
22	163840000	0	0	0	100	100	
23	327680000	0	0	0	100	100	
24	655360000	0	0	0	100	100	
25	1310720000	0	0	0	100	100	
26	2621440000	0	0	0	100	100	
27	5242880000	0	0	0	100	100	
28	10485760000	0	0	0	100	100	
29	20971520000	0	0	0	100	100	
30	41943040000	0	0	0	100	100	
31	83886080000	0	0	0	100	100	
32	167772160000	0	0	0	100	100	
33	335544320000	0	0	0	100	100	
34	671088640000	0	0	0	100	100	
35	1342177280000	0	0	0	100	100	
36	2684354560000	0	0	0	100	100	
37	5368709120000	0	0	0	100	100	
38	10737418240000	0	0	0	100	100	
39	21474836480000	0	0	0	100	100	
40	42949672960000	0	0	0	100	100	
41	85899345920000	0	0	0	100	100	
42	171798691840000	0	0	0	100	100	
43	343597383680000	0	0	0	100	100	
44	687194767360000	0	0	0	100	100	
45	1374389534720000	0	0	0	100	100	
46	2748779069440000	0	0	0	100	100	
47	5497558138880000	0	0	0	100	100	
48	10995116277760000	0	0	0	100	100	
49	21990232555520000	0	0	0	100	100	
50	43980465111040000	0	0	0	100	100	
51	87960930222080000	0	0	0	100	100	
52	175921860444160000	0	0	0	100	100	
53	351843720888320000	0	0	0	100	100	
54	703687441776640000	0	0	0	100	100	
55	1407374883553280000	0	0	0	100	100	
56	2814749767106560000	0	0	0	100	100	
57	5629499534213120000	0	0	0	100	100	
58	11258999068426240000	0	0	0	100	100	
59	22517998136852480000	0	0	0	100	100	
60	45035996273704960000	0	0	0	100	100	
61	90071992547409920000	0	0	0	100	100	
62	180143985094819840000	0	0	0	100	100	
63	360287970189639680000	0	0	0	100	100	
64	720575940379279360000	0	0	0	100	100	
65	1441151880758558720000	0	0	0	100	100	
66	2882303761517117440000	0	0	0	100	100	
67	5764607523034234880000	0	0	0	100	100	
68	11529215046068469760000	0	0	0	100	100	
69	23058430092136939520000	0	0	0	100	100	
70	46116860184273879040000	0	0	0	100	100	
71	92233720368547758080000	0	0	0	100	100	
72	184467440737095516160000	0	0	0	100	100	
73	368934881474191032320000	0	0	0	100	100	
74	737869762948382064640000	0	0	0	100	100	
75	1475739525896764129280000	0	0	0	100	100	
76	2951479051793528258560000	0	0	0	100	100	
77	5902958103587056517120000	0	0	0	100	100	
78	11805916207174113034240000	0	0	0	100	100	
79	23611832414348226068480000	0	0	0	100	100	
80	47223664828696452136960000	0	0	0	100	100	
81	94447329657392904273920000	0	0	0	100	100	
82	188894659314785808547840000	0	0	0	100	100	
83	377789318629571617095680000	0	0	0	100	100	
84	755578637259143234191360000	0	0	0	100	100	
85	1511157274518286468382720000	0	0	0	100	100	
86	3022314549036572936765440000	0	0	0	100	100	
87	6044629098073145873530880000	0	0	0	100	100	
88	12089258196146291747061760000	0	0	0	100	100	
89	24178516392292583494123520000	0	0	0	100	100	
90	48357032784585166988247040000	0	0	0	100	100	
91	96714065569170333976494080000	0	0	0	100	100	
92	193428131138340667952988160000	0	0	0	100	100	
93	386856262276681335905976320000	0	0	0	100	100	
94	773712524553362671811952640000	0	0	0	100	100	
95	1547425049106725343623905280000	0	0	0	100	100	
96	3094850098213450687247810560000	0	0	0	100	100	
97	6189700196426901374495621120000	0	0	0	100	100	
98	12379400392853802748991242240000	0	0	0	100	100	
99	24758800785707605497982484480000	0	0	0	100	100	
100	49517601571415210995964968960000	0	0	0	100	100	

By
S.D.

R.A.I.E

A.E.

Executive Engineer
R.W.D. Regional Laboratory
Chapra (Bihar)

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner

OFFICE OF THE EXECUTIVE ENGINEER
R.W.D. REGIONAL LABORATORY CHAPRA (BIHAR)
Observation Sheet for Binder Content Test Result

Name of Project Road - D.W.R. N-1411 (M.C. under D.W.R. area in Bihar)

(K.M. to Sankh Mura) to Barhwa Mathura Road

Package No. Agreement No. 132 (B.D. 1-1-21)

Nature of sample - Bitumen Content for S. 1-12

Location -

Sample Collected by - R.E. R.W.D. Lab. Chapra, Bihar
 by Letter No. R.W.D. Chapra dated 21/08/2021

Name of the works Division - D.W.R. N-1411

Name of the works circle - Chapra

Name of Agency - Sankh Mura, Bihar

Date of Collection/Received on Lab - 21/08/21

Date of Test - 21/08/21

SL. NO.	SAMPLE NO.	1	2	3	REMARKS
1.	Wt. of mix taken (A)	54.00	50.00	51.00	6.00/1.00
2.	Wt. of filter paper (B)	0.55	7.20	1.20	
3.	Wt. of mix after extraction (C)	48.50	43.00	49.80	
4.	Wt. of filter paper after extraction (D)	7.24	8.75	13.20	
5.	Wt. of filter collected on filter paper (D-B)= F	6.69	1.55	2.00	
6.	Wt. of aggregate +filter (C+F)=G	48.50	44.55	47.80	
7.	percentage of bitumen (A-G)/A*100	5.01	5.09	5.15	
8.	Average % of Bitumen	-	5.08	-	

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