

कार्यपालक अभियंता का कार्यालय  
ग्रामीण कार्य विभाग, कार्य प्रमंडल, पालीगंज।

पत्रांक:- 54 (18/01/2021)

पालीगंज/दिनांक:- 18/01/2021

प्रेषक,

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

सेवा में,

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

विषय:- MR (3054) under Bihar Rural Road Maintenance Policy -2018 अन्तर्गत  
कार्यनिष्ठ की जा रही योजना का आवंटन हेतु अधियाचना के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि निम्नलिखित योजना का कुल राशि रुपये  
93,97,600.00 मात्र का आवंटन हेतु अधियाचना विहित प्रपत्र में तैयार कर आवश्यक कार्रवाई  
समर्पित किया जाता है।

अनु० :- (1) अधियाचना विहित प्रपत्र में

विश्वासभाजन

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,

कार्य प्रमंडल, पालीगंज।

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

Name of Work Division:- Paliganj

| Sl. No. | Package No.       | Name of Road            | Project ID as per MIS | Administrative Approval (AA) Letter No. & Date | Administrative Approval (AA) | Length (In Km) | Amount of (In Lakh) | Initial Rectification with Surface Renewal (In Lakh) | 5 Year Routine Maintenance (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 Allocated Amount (in Lakh) | Up-to-date expenditure as per MIS (in Lakh) | Requisition against work done (in Lakh) | Remarks |
|---------|-------------------|-------------------------|-----------------------|------------------------------------------------|------------------------------|----------------|---------------------|------------------------------------------------------|--------------------------------------|----------------------|-------------------------------------|---------------------------|-------------------------|------------------------------------|----------------------------------------|-------------------------------------------|---------------------------------------------|-----------------------------------------|---------|
| 1       | 2                 | 3                       | 4                     | 5                                              | 6                            | 7              | 8                   | 9                                                    | 10                                   | 11                   | 12                                  | 13                        | 14                      | 15                                 | 16                                     | 17                                        | 18                                          | 19                                      |         |
| 1       | 20<br>Paliganj/03 | Nagwan to Karai Village | 13N2A2200<br>01576    | LA no. 5002<br>dt. 27.08.19                    | 4.25                         | 153.66000      | 93.976              | 44.00127                                             | 02/04/20<br>20-21<br>dt. 15.05.20    | 14.02.21             | -                                   |                           | Details Attached        | 25                                 | 5.09%                                  | NIL                                       | NIL                                         | 93.976                                  |         |
| Total   |                   |                         |                       |                                                |                              |                |                     |                                                      |                                      |                      |                                     |                           |                         |                                    |                                        |                                           |                                             | 93.976                                  |         |

18/11/24  
18/11/24  
18/11/24

18/10/24  
Executive Engineer  
RWD Works Division Paliganj

NAME OF THE ROAD : NAGWAN TO KARAI PATH

LENGTH OF THE ROAD : 4.25 KM

PACKAGE NO. : MR-N/19-20/PALIGANU/03

DIVISION : PALIGANU

BLOCK : NAUBATTUR

CONTRACTOR : S. B. ENGICON PVT LTD

| Date    | Time    | Section No. | Length in km | Bumps in mm | Speed Rate | OR mm/km | UIV mm/km | CATEGORY ROAD | IRI  | Latitude  | Longitude | Event         |                                   |           |       |
|---------|---------|-------------|--------------|-------------|------------|----------|-----------|---------------|------|-----------|-----------|---------------|-----------------------------------|-----------|-------|
| 10/1/21 | 8:36:10 | 39          | 0.1          | 360         | 10.1       | 3600     | 3648      | G             | 4.75 | 25.526087 | 84.972103 | Normal        | $V = U * X^4 + 0.936 * X + 278.4$ |           |       |
| 10/1/21 | 8:36:32 | 39          | 0.1          | 300         | 10.1       | 3000     | 3086      | G             | 4.13 | 25.526988 | 84.972457 | Normal        | $X = 3100$                        |           |       |
| 10/1/21 | 8:37:7  | 39          | 0.1          | 310         | 10.1       | 3100     | 3180      | G             | 4.24 | 25.527785 | 84.972777 | Speed Breaker | $V = 3180$                        |           |       |
| 10/1/21 | 8:37:17 | 39          | 0.1          | 330         | 20.2       | 3300     | 3367      | G             | 4.46 | 25.528647 | 84.972777 | Normal        | (R) RURAL ROAD                    |           |       |
| 10/1/21 | 8:37:27 | 39          | 0.1          | 330         | 30.3       | 3300     | 3367      | G             | 4.46 | 25.529586 | 84.972793 | Normal        | Good                              | Average   | Poor  |
| 10/1/21 | 8:37:43 | 39          | 0.1          | 270         | 30.3       | 2700     | 2805      | G             | 3.79 | 25.530478 | 84.972743 | Normal        | <4000                             | 4001-5000 | >5001 |
| 10/1/21 | 8:37:53 | 39          | 0.1          | 260         | 30.3       | 2600     | 2712      | G             | 3.68 | 25.531327 | 84.972525 | Normal        |                                   |           |       |
| 10/1/21 | 8:38:0  | 39          | 0.1          | 310         | 30.3       | 3100     | 3180      | G             | 4.24 | 25.532153 | 84.972103 | Normal        |                                   |           |       |
| 10/1/21 | 8:38:15 | 39          | 0.1          | 310         | 30.3       | 3100     | 3180      | G             | 4.24 | 25.532828 | 84.971997 | Culvert       |                                   |           |       |
| 10/1/21 | 8:38:26 | 39          | 0.1          | 220         | 40.4       | 2200     | 2337      | G             | 3.22 | 25.533298 | 84.970655 | Normal        |                                   |           |       |
| 10/1/21 | 8:38:58 | 39          | 0.1          | 249         | 20.2       | 2400     | 2524      | G             | 3.45 | 25.533927 | 84.959915 | Curve         |                                   |           |       |
| 10/1/21 | 8:39:53 | 39          | 0.1          | 210         | 30.3       | 2100     | 2244      | G             | 3.11 | 25.534758 | 84.970318 | Normal        |                                   |           |       |
| 10/1/21 | 8:39:0  | 39          | 0.1          | 200         | 30.3       | 2000     | 2150      | G             | 2.99 | 25.535612 | 84.970723 | Curve         |                                   |           |       |
| 10/1/21 | 8:39:10 | 39          | 0.1          | 260         | 40.2       | 2600     | 2712      | G             | 3.65 | 25.536265 | 84.970216 | Curve         |                                   |           |       |
| 10/1/21 | 8:39:28 | 39          | 0.1          | 340         | 20.2       | 3400     | 3460      | G             | 4.57 | 25.537085 | 84.970353 | Normal        |                                   |           |       |
| 10/1/21 | 8:39:38 | 39          | 0.1          | 260         | 20.2       | 2600     | 2712      | G             | 3.68 | 25.537938 | 84.970353 | Curve         |                                   |           |       |
| 10/1/21 | 8:40:0  | 39          | 0.1          | 240         | 30.3       | 2400     | 2524      | G             | 3.45 | 25.538142 | 84.969343 | Normal        |                                   |           |       |
| 10/1/21 | 8:40:4  | 39          | 0.1          | 320         | 20.2       | 3200     | 3273      | G             | 4.35 | 25.538253 | 84.96835  | Normal        |                                   |           |       |
| 10/1/21 | 8:40:24 | 39          | 0.1          | 380         | 10.1       | 3800     | 3835      | G             | 5.01 | 25.538402 | 84.967288 | Speed Breaker |                                   |           |       |
| 10/1/21 | 8:40:33 | 39          | 0.1          | 370         | 10.1       | 3700     | 3741      | G             | 4.7  | 25.538515 | 84.966363 | Speed Breaker |                                   |           |       |

| Date    | Time    | Section | Length | Bumps | Speed | OR       | UV       | CATEGORY | IRI     | Latitude  | Longitude   | Event         |
|---------|---------|---------|--------|-------|-------|----------|----------|----------|---------|-----------|-------------|---------------|
| 10/1/21 | 8:41:0  | 39      | 0.1    | 240   | 30.3  | 2400     | 2524     | G        | 3.45    | 25.538635 | 84.965353   | Normal        |
| 10/1/21 | 8:41:14 | 39      | 0.1    | 340   | 10.1  | 3400     | 3460     | G        | 4.57    | 25.538823 | 84.964393   | Speed Breaker |
| 10/1/21 | 8:41:24 | 39      | 0.1    | 290   | 20.2  | 2900     | 2992     | G        | 4.01    | 25.5391   | 84.963      | Normal        |
| 10/1/21 | 8:42:0  | 39      | 0.1    | 340   | 20.2  | 3400     | 3460     | G        | 4.57    | 25.53911  | 84.962558   | Curve         |
| 10/1/21 | 8:42:10 | 39      | 0.1    | 260   | 20.2  | 2600     | 2712     | G        | 3.68    | 25.539735 | 84.961295   | Normal        |
| 10/1/21 | 8:42:25 | 39      | 0.1    | 230   | 30.3  | 2300     | 2431     | G        | 3.34    | 25.540502 | 84.960823   | Normal        |
| 10/1/21 | 8:42:35 | 39      | 0.1    | 220   | 30.3  | 2200     | 2337     | G        | 3.22    | 25.541388 | 84.960588   | Normal        |
| 10/1/21 | 8:43:0  | 39      | 0.1    | 210   | 30.3  | 2100     | 2244     | G        | 3.11    | 25.542265 | 84.960403   | Normal        |
| 10/1/21 | 8:43:10 | 39      | 0.1    | 310   | 30.3  | 3100     | 3180     | G        | 4.24    | 25.54313  | 84.96013    | Normal        |
| 10/1/21 | 8:43:20 | 39      | 0.1    | 210   | 30.3  | 2100     | 2244     | G        | 3.11    | 25.543965 | 84.959662   | Normal        |
| 10/1/21 | 8:43:35 | 39      | 0.1    | 220   | 30.3  | 2200     | 2337     | G        | 3.22    | 25.544802 | 84.959292   | Normal        |
| 10/1/21 | 8:43:45 | 39      | 0.1    | 200   | 30.3  | 2000     | 2150     | G        | 2.95    | 25.545275 | 84.95842    | Normal        |
| 10/1/21 | 8:43:55 | 39      | 0.1    | 230   | 30.3  | 2300     | 2431     | G        | 3.34    | 25.545792 | 84.957608   | Normal        |
| 10/1/21 | 8:44:11 | 39      | 0.1    | 250   | 20.2  | 2500     | 2618     | G        | 3.56    | 25.546482 | 84.95712    | Normal        |
| 10/1/21 | 8:44:21 | 39      | 0.1    | 220   | 30.3  | 2200     | 2337     | G        | 3.22    | 25.547295 | 84.957473   | Normal        |
| 10/1/21 | 8:44:31 | 39      | 0.1    | 250   | 30.3  | 2500     | 2618     | G        | 3.56    | 25.548197 | 84.957827   | Curve         |
| 10/1/21 | 8:44:46 | 39      | 0.1    | 370   | 30.3  | 3700     | 3741     | G        | 4.9     | 25.549077 | 84.958047   | Curve         |
| 10/1/21 | 8:45:0  | 39      | 0.1    | 300   | 30.3  | 3000     | 3086     | G        | 4.13    | 25.54956  | 84.958282   | Normal        |
| 10/1/21 | 8:45:10 | 39      | 0.1    | 330   | 20.2  | 3300     | 3367     | G        | 4.46    | 25.550858 | 84.958585   | Normal        |
| 10/1/21 | 8:45:21 | 39      | 0.055  | 310   | 30.3  | 3100     | 3180     | G        | 4.24    | 25.550945 | 84.958652   | Normal        |
| TOTAL   |         |         | 4.155  | 11750 | 1010  | 117500   | 121658   |          | 163.61  | 1072.6177 | 3568.549018 |               |
| AVERAGE |         |         |        |       |       | 2797.619 | 2896.619 |          | 3.83568 |           |             |               |

18/10/21  
 Executive Engineer  
 Rural Works Deptt.  
 Work Division Taligani

कार्यपालक अभियंता का कार्यालय  
ग्रामीण कार्य विभाग, क्षेत्रीय प्रयोगशाला, गुलजारबाग  
पटना-800007

पत्रांक. 923/36

पटना/दिनांक. 12.01.2021

प्रेषक,

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7

सेवा में,

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल - पालीगंज

विषय :- जाँचफल प्रतिवेदन के संबंध में।

प्रसंग :- AE, RWD works sub division, Nautanpur vide  
letter NO-35, date - 09/1/21

महोदय,

उपर्युक्त विषयक के संबंध में जाँचफल प्रतिवेदन इस पत्र के साथ संलग्न कर आवश्यक कारवाई हेतु भेजा जा रहा है जो निम्न प्रकार है:-

1. Nautanpur to Kosi village
- ① Mix seal Surfacing (stone chips)
  - ② S.D.B.C (stone chips)
  - ③ Bitumen Content for S.D.B.C

अनु:-यथोक्त

विश्वासभाजन

11/1/21

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
क्षेत्रीय प्रयोगशाला, गुलजारबाग पटना -7

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

## 92 PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :- Nagwan to Kotai village

Name of Scheme:- MR-3054

Name of Agency :- S.B. Engicon Pvt. Ltd.

Nature of sample : Mix seal

Date of Collection/Received :- 07/01/2021

Location :- 1225 meter

Date of Test :- 09/01/2021

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division Naubatpur

vide letter No. 35 Dt. 04/01/2021

Agreement No / Package No. : 02 / MB D / 2020-21

| Sl. No. | A.I.V.             |                     |
|---------|--------------------|---------------------|
|         | Average Test Value | Required Value(Max) |
| 1.      |                    | 40%                 |

| Sl. No. | Sieve Size in (mm) | Weight of Sample Taken Kgs 17.365 |                   |                     |              | Required Value |        | Remarks |
|---------|--------------------|-----------------------------------|-------------------|---------------------|--------------|----------------|--------|---------|
|         |                    | Weight Retd.                      | % of Wt. Retained | % of Cumm. Retained | % of Passing | Type A         | Type B |         |
| 1       | 13.2               | 0.000                             | 0.00              | 0.00                | 100          | -----          | 100    |         |
| 2       | 11.2               | 0.478                             | 2.75              | 2.75                | 97.25        | 100            | 88-100 |         |
| 3       | 5.6                | 8.318                             | 47.90             | 50.65               | 49.35        | 52-88          | 31-52  |         |
| 4       | 2.8                | 4.298                             | 24.75             | 75.40               | 24.60        | 14-38          | 5-25   |         |
| 5       | 0.09               | 3.951                             | 22.75             | 98.15               | 1.85         | 0-5            | 0-5    |         |

*Rain*  
L.A.  
21/1/2021

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

*K. Singh*  
A.D.  
21/1/2021

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

*Rain*  
A.E.  
09/01/2021

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

*1/2*  
E.E.  
09/01/2021

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

## 52 PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :- Nagwan to Korai village

Name of Scheme:- MR-3054

Name of Agency :- S.B. Engineers Pvt. Ltd.

Nature of sample : Mix seal

Location :- 2840 Meter

Date of Collection/Received :- 07/01/2021

Date of Test :- 09/01/2021

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division Naubatpur

vide letter No. 25 Dt. 04/01/2021

Agreement No / Package No. : 02/MBD/2020-21

| Sl. No. | A.I.V.             |                     |
|---------|--------------------|---------------------|
|         | Average Test Value | Required Value(Max) |
| 1.      |                    | 40%                 |

| Sl. No. | Sieve Size in (mm) | Weight of Sample Taken Kgs 15.425 |                   |                     |              | Required Value |        | Remarks |
|---------|--------------------|-----------------------------------|-------------------|---------------------|--------------|----------------|--------|---------|
|         |                    | Weight Retd.                      | % of Wt. Retained | % of Cumm. Retained | % of Passing | Type A         | Type B |         |
| 1       | 13.2               | 0.000                             | 0.00              | 0.00                | 100          | -----          | 100    |         |
| 2       | 11.2               | 0.432                             | 2.80              | 2.80                | 97.20        | 100            | 88-100 |         |
| 3       | 5.6                | 7.342                             | 47.60             | 50.40               | 49.60        | 52-88          | 31-52  |         |
| 4       | 2.8                | 4.203                             | 27.25             | 77.65               | 22.35        | 14-38          | 5-25   |         |
| 5       | 0.09               | 2.884                             | 18.70             | 96.35               | 3.65         | 0-5            | 0-5    |         |

Rain  
21/1/21

Regional Laboratory

R.W.D. Guljarbagh patna - 7

9/1/21  
A.D.

Regional Laboratory

R.W.D. Guljarbagh patna - 7

Rain  
09/01/2021  
A.E.

Regional Laboratory

R.W.D. Guljarbagh patna - 7

9/1/21  
E.E.

Regional Laboratory

R.W.D. Guljarbagh patna - 7

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

12/01/2021

## 92 PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :- Nagana to Korai village

Name of Scheme:- MR-3054

Name of Agency :- S.B. Engicon Pvt. Ltd.

Nature of sample:- Semi Dense Bituminous Concrete Date of Collection/Received :- 07.01.2021

Location :- 1225 M

Date of Test :- 09.01.2021

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division - Naubathur

vide letter No. 35 Dt. 04.01.2021

Agreement No / Package No. : 02/MBD/2020-21

| Sl. No. | A.I.V.             |                     |
|---------|--------------------|---------------------|
|         | Average Test Value | Required Value(Max) |
| 1.      |                    | 30%                 |

| Sl. No. | Sieve Size in (mm) | Weight of Sample Taken Kgs 15.519 |                   |                     |              |                | Remarks |
|---------|--------------------|-----------------------------------|-------------------|---------------------|--------------|----------------|---------|
|         |                    | Weight Retd.                      | % of Wt. Retained | % of Cumm. Retained | % of Passing | Required value |         |
| 1       | 13.2               | 0.000                             | 0.00              | 0.00                | 100          | 100            |         |
| 2       | 9.5                | 0.504                             | 3.25              | 3.25                | 96.75        | 90-100         |         |
| 3       | 4.75               | 7.837                             | 50.50             | 53.75               | 46.25        | 35-51          |         |
| 4       | 2.36               | 2.444                             | 15.75             | 69.50               | 30.50        | 24-39          |         |
| 5       | 1.18               | 1.878                             | 12.10             | 81.60               | 18.40        | 15-30          |         |
| 6       | 0.300              | 0.745                             | 4.80              | 86.40               | 13.60        | 9-19           |         |
| 7       | 0.075              | 1.451                             | 9.35              | 95.75               | 4.25         | 3-8            |         |

Copy Submitted to/forwarded to:

E.E. R.W.D. Works Division :- Paligani

Rains  
L.A.  
9/1/2021

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

9/1/2021  
A.D.

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

Rains  
A.E.  
9/1/2021

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

9/1/2021  
E.E.

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

12/01/2021

92

## PHYSICAL AND GRADATION TEST OF COARSE AGGREGATE

Name of Project/Road :- Nagma to Korai village

Name of Scheme :- MR-3054

Name of Agency :- S.B. Engin Pvt Ltd-

Nature of sample :- Semi Dense Bituminous Concrete Date of Collection/Received :- 07.01.2021

Location :- 2840 m

Date of Test :- 09.01.2021

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division -- Naulbarpur

vide letter No. 35 Dt. 04/01/2021

Agreement No / Package No. : 02/MBD/2020-21

| Sl. No. | A.I.V.             |                     |
|---------|--------------------|---------------------|
|         | Average Test Value | Required Value(Max) |
| 1.      |                    | 30%                 |

| Sl. No. | Sieve Size in (mm) | Weight of Sample Taken Kgs 17.215 |                   |                     |              |                | Remarks |
|---------|--------------------|-----------------------------------|-------------------|---------------------|--------------|----------------|---------|
|         |                    | Weight Retd.                      | % of Wt. Retained | % of Cumm. Retained | % of Passing | Required value |         |
| 1       | 13.2               | 0.000                             | 0.00              | 0.00                | 100          | 100            |         |
| 2       | 9.5                | 0.826                             | 4.80              | 4.80                | 95.20        | 90-100         |         |
| 3       | 4.75               | 8.384                             | 48.70             | 53.50               | 46.50        | 35-51          |         |
| 4       | 2.36               | 3.125                             | 18.15             | 71.65               | 28.35        | 24-39          |         |
| 5       | 1.18               | 1.506                             | 8.75              | 80.40               | 19.60        | 15-30          |         |
| 6       | 0.300              | 1.343                             | 7.80              | 88.20               | 11.80        | 9-19           |         |
| 7       | 0.075              | 1.214                             | 7.05              | 95.25               | 4.75         | 3-8            |         |

Copy Submitted to/forwarded to:

E.E. R.W.D. Works Division :- Paligems

Rajib  
9/1/2021  
L.A.

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

9/1/2021  
A.D.

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

Rajib  
09/01/2021  
A.E.

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

1/1  
09/1/2021  
E.E.

Regional Laboratory  
R.W.D. Guljarbagh patna - 7

Ref No. 92

Date 12/01/2021

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

Name of Project/Road :- Naguan to Korai village  
Bituminous mix

Name of Scheme:- MR-3054

Name of Agency:- S.B. Engin Pvt Ltd -

Nature of sample :- Bitumen Content for S.D.B.C.

Location :- 1225 m

Date of Collection/Received :- 07/01/2021  
Date of Test :- 11/01/2021

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division Naubatpur vide letter No. 35 Dt. 04/01/2021

Agreement No / Package No.: 02 / MR & D / 2020 - 21

| SL. NO. | SAMPLE NO.                                           | 1      | 2      | 3      | REMARKS |
|---------|------------------------------------------------------|--------|--------|--------|---------|
| 1       | Wt. of mix taken before extraction (a)               | 513.00 | 505.00 | 508.00 |         |
| 2       | Wt. of Dry chips after extraction (b)                | 487.10 | 479.25 | 481.86 |         |
| 3       | Percentage of bitumen (in the mix) [(a-b)*100]/a (%) | 5.05   | 5.10   | 5.16   |         |
| 4       | Average % bitumen                                    | 5.10   |        |        |         |

R. W. D.  
Regional Laboratory  
R.W.D. Guljarbagh patna - 7

A.D.  
Regional Laboratory  
R.W.D. Guljarbagh patna - 7

07/01/2021  
A.E.  
Regional Laboratory  
R.W.D. Guljarbagh patna - 7

11/01/2021  
E.E.  
Regional Laboratory  
R.W.D. Guljarbagh patna - 7

32

Date 12/01/2021

# OFFICE OF THE EXECUTIVE ENGINEER

REGIONAL LABORATORY, R. W. D., GULZARBAGH, PATNA - 7

Bituminous mix

Name of Project/Road :- Nagwan to Korai village

Name of Scheme :- MR-3054

Name of Agency :- S.B. Engicon Ltd.

Nature of sample :- Bitumen Content for S.D.G.C.

Location :- 2840 m

Date of Collection/Received :- 07/01/2021

Date of Test :- 11/01/2021

Ref :- Material sent by E.E./A.E. R.W.D. WORKS Division/Sub Division Maubhatpur vide letter No. 35 Dt. 04/01/2021

Agreement No / Package No. : 02/MGD/2020-21

| SL. NO. | SAMPLE NO.                                           | 1      | 2      | 3      | REMARKS |
|---------|------------------------------------------------------|--------|--------|--------|---------|
| 1       | Wt. of mix taken before extraction (a)               | 510.00 | 515.00 | 512.00 |         |
| 2       | Wt. of Dry chips after extraction (b)                | 483.90 | 488.80 | 486.10 |         |
| 3       | Percentage of bitumen (in the mix) [(a-b)*100]/a (%) | 5.12   | 5.09   | 5.06   |         |
| 4       | Average % bitumen                                    | 5.09   |        |        |         |

*[Signature]*

Regional Laboratory  
R.W.D. Gulzarbagh patna - 7

A.D.

Regional Laboratory  
R.W.D. Gulzarbagh patna - 7

*[Signature]*  
11/01/2021

A.E.

Regional Laboratory  
R.W.D. Gulzarbagh patna - 7

*[Signature]*  
11/01/2021

E.E.

Regional Laboratory  
R.W.D. Gulzarbagh patna - 7

**Name of Customer :** S. B. ENGICON PVT LTD  
**Name of Work/ Road :** NAGWAN TO KARAI PATH  
**Lab Job number :**   
**Date :** 10-01-2021  
**Section No. :** 39

**Test Date :** 10-01-2021  
**Machine No. :**   
**Start S No. :**   
**Start E No. :**   
**Weather :**   
**Start Location :**   
**End Location :**   
**Road Name :** NAGWAN TO KARAI PATH  
**Road Type :** (R) RURAL ROAD  
**Side :**   
**Interval :**   
**U/V Range :** 1150 To 5000 mm/km  
**Dist Range :** 0 To 4.3 0.1 \* 1000 m  
**Equation :**  $Y = 0 * X^2 + 0.936 * X + 278.4$

Print

Generate Report and Graph

Redraw Graph

Map View

File : C:\Users\SHAZN\Desktop\13 DEC 2020\10 JAN 2021\39.Xls, Section No. : 39, Eqn :  $Y = 0 * X^2 + 0.936 * X +$   
 Name of Customer : S. B. ENGICON PVT LTD, Name of Work/ Road : NAGWAN TO KARAI PATH, Lab Job number :

