

**कार्यपालक अभियंता का कार्यालय**  
**ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया, (पूर्वी चम्पारण)।**

पत्रांक: 1344अनु0 / चकिया, दिनांक: 05/08/2023

प्रेषक

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

सेवामे,

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

विषय- विभाग के नई निति रख-रखाव 2018 M.R (3054) योजना के अन्तर्गत निर्माणाधीन कार्य के लिए निधि उपलब्ध कराने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में विभाग के नई निति रख-रखाव 2018 M.R (3054) योजना के अन्तर्गत निर्माणाधीन कार्य के लिए पथवार मांगी जाने वाली आवंटन की सूची पत्र के साथ भवदीय के अवलोकनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः संलग्न सूची के अनुसार आवंटन उपलब्ध कराने की कृपा की जाय।

- अनु0:- 1. आवंटन की सूची।  
2. मापी पुस्त की छाया प्रति।

विश्वासभाजन,

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल-चकिया।

ज्ञापांक- 1344 दिनांक- 05-08-2023

प्रतिलिपि-नोडल पदाधिकारी (3054), ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।

- अनु0:- 1. आवंटन की सूची।  
2. मापी पुस्त की छाया प्रति।

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल-चकिया।

**OFFICE OF THE EXECUTIVE ENGINEER,  
RURAL WORKS DEPARTMENT, WORKS DIVISION, Chakia.**

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

Name of Works Division : Chakia

| 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) | 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 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/EA/CHA/22/0011 | Harthapur Ram Babu Ke Ghar Se Alkhwani Hote Hue Ayodhya Bhagat Ke Khet Tak | 31708412001           | Letter No.105 Date-03.06.2022                   | 3.588                        | 193.26              | 151.60531                                            | 36.44674                              | 02MBD/2022-23 Date-06.09.2022 | 05.06.2023                          | 22-03-23                  | 2564                    | 25                                 | 05.00                                  | 144.02000                                | 143.90902                                   | 7.46026                                  | Complete |
|        |                   |                                                                            |                       |                                                 | 3.588                        | 193.26              | 151.60531                                            | 36.44674                              |                               |                                     |                           |                         |                                    |                                        |                                          |                                             | 7.46026                                  |          |

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.

22/06/2022  
अभिषेक कुमार  
कार्यालय के अधिकारी  
ग्रामीण कार्य विभाग  
कार्य प्रबंधन, चकिया  
2022/06/22

**Form GER 19-A**  
**(See Government of India's decision (1) bellow Rule - 150)**  
**Form of utilization certificate up to the month up to 08/2023**  
**M.R. (3054) New maintenance Policy-2018.**

PIU - RWD , W.D- CHAKIA

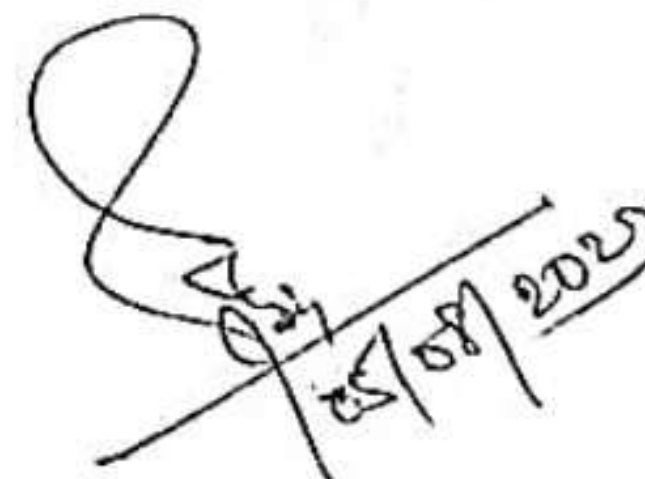
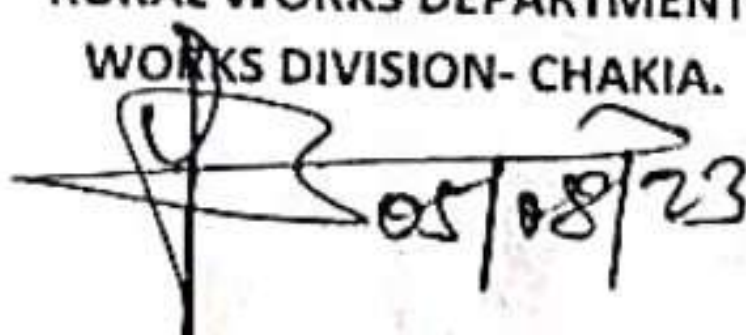
| SL. NO | Name of Scheme                          | Sanction No. / Date with Amount (in RS. Lachs) | Amount Received (in RS. Lacks) | particulars                                                                                                                                                                                                                                                                                                                                                                              |
|--------|-----------------------------------------|------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | M.R. (3054) New maintenance Policy-2018 | 9756.63439                                     | 9756.63439                     | Certified that out of Rs.9756.63439 Lacs Receive upto the year.2023-24 executive engineer RWD, (W) DIV, chakia a sum of RS.9670.19920 Lacs has been utilized for the purpose of M.R. (3054) New maintenance Policy-2018 'CFMS' Schemes given in the margin for which it was sanctioned and that the balance of Rs.85.71519 lacks remaining unutilized at this end of the (up to 08/2023) |
|        |                                         |                                                |                                |                                                                                                                                                                                                                                                                                                                                                                                          |

2. Certificate that I have satisfied myself that the conditions on which the grand's-in-aid was sanctioned have been duly fulfilled/ate being fulfilled and that have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned kinds of cheks exercised:-

- Works have been supervised by Executive Engineer/ Superintending Engineer.
- Periodical inspection has been conducted by Executive Engineer/ Superintending Engineer.
- Construction materials have been tested.
- Measurements have been recorded in the MBs and test check conducted by the Assistant.

3. Physical Progress achieved :-

- Construction of M.R. (3054) New maintenance Policy-2018 (Details in Progress report)
- Construction of Road Works. (.....Do.....)

  
 EXECUTIVE ENGINEER,  
 RURAL WORKS DEPARTMENT  
 WORKS DIVISION- CHAKIA.  


| Particulars                           | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------|-------------------------------|----|----|----|------------------|
|                                       | No.                           | L. | B. | D. |                  |
| N/W: Const & Road from G.S.T Revision |                               |    |    |    |                  |
| Road from Haridwar Road Baby          |                               |    |    |    |                  |
| K. Ghar se Akhwar: Hota Hye Ago.      |                               |    |    |    |                  |
| dhya Bhagat: ice khet tak.            |                               |    |    |    |                  |
| 7/1. 3050 (M/H-P-2018)                |                               |    |    |    |                  |
| Package No - 7/1 N/22-23 Chakia 106   |                               |    |    |    |                  |
| Block -                               |                               |    |    |    |                  |
| Agency 7/1 Harshvardhan Const.        |                               |    |    |    |                  |
| Baraki tikken Gulbarah Madhben        |                               |    |    |    |                  |
| E. Champsan                           |                               |    |    |    |                  |
| Agreement No. 02 MBD/2022-23 CS       |                               |    |    |    |                  |
| Date of work order 6.9.2022           |                               |    |    |    |                  |
| Date of comp :- 5.06.2023             |                               |    |    |    |                  |
| Measurement                           |                               |    |    |    |                  |
| G.S.T Revision                        |                               |    |    |    |                  |
| for 12-1. to 18-1.                    |                               |    |    |    |                  |
| 02/8/23                               |                               |    |    |    |                  |
| 03/08/23                              |                               |    |    |    |                  |
| AE                                    |                               |    |    |    |                  |
| Abstract of cost                      |                               |    |    |    |                  |
| 1. Clearing and grubbing              |                               |    |    |    |                  |
| land                                  |                               |    |    |    |                  |
| P. 33                                 |                               |    |    |    |                  |
| 0.718 H-P 3 59726=13                  |                               |    |    |    |                  |
| 4. 42883:-                            |                               |    |    |    |                  |

| Particulars                    | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------|-------------------------------|----|----|----|------------------|
|                                | No.                           | L. | B. | D. |                  |
| 2. Const of embankment with    |                               |    |    |    |                  |
| on both sides of               |                               |    |    |    |                  |
| P.                             |                               |    |    |    |                  |
| 1505.707 <sup>3</sup> @ 254.24 |                               |    |    | P. | 382508 ~         |
| 3. Const of 480 Gr 21 by       |                               |    |    |    |                  |
| for wall & cut                 |                               |    |    |    |                  |
| P.                             |                               |    |    |    |                  |
| 95.107 <sup>3</sup> @ 2421.31  |                               |    |    | L. | 230267 ~         |
| 4. Piv laying standing         |                               |    |    |    |                  |
| & comp. stone for              |                               |    |    |    |                  |
| for WB 17                      |                               |    |    |    |                  |
| P.                             |                               |    |    |    |                  |
| 85.527 <sup>3</sup> @ 4693.47  |                               |    |    | L. | 401386 ~         |
| 5. Piv laying standing &       |                               |    |    |    |                  |
| comp. stone for                |                               |    |    |    |                  |
| for WB 17                      |                               |    |    |    |                  |
| P.                             |                               |    |    |    |                  |
| 193.787 <sup>3</sup> @ 4542.18 |                               |    |    | L. | 880184 ~         |
| 6. Piv & app. Prime cut        |                               |    |    |    |                  |
| with SS,                       |                               |    |    |    |                  |
| P.                             |                               |    |    |    |                  |
| 2583.737 <sup>2</sup> @ 59.09  |                               |    |    | L. | 152673 ~         |
| 7. Piv & laying for            |                               |    |    |    |                  |
| SS                             |                               |    |    |    |                  |
| P.                             |                               |    |    |    |                  |
| 2583.737 <sup>2</sup> @ 245.30 |                               |    |    | L. | 633789 ~         |

Continuation

| Particulars                          | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------|-------------------------------|----|----|----|------------------|
|                                      | No.                           | L. | B. | D. |                  |
| 8.                                   | PIV and app. tank             |    |    |    |                  |
|                                      | cont. with (RSI)              |    |    |    |                  |
|                                      | P                             |    |    |    |                  |
| 11872.487 <sup>2</sup> @ Rs. 20.12   |                               |    |    |    | Rs. 238874.      |
| 9.                                   | PIV & laying of SDBC          |    |    |    |                  |
|                                      | with 100-120 TPH              |    |    |    |                  |
|                                      | P                             |    |    |    |                  |
| 232.2197 <sup>2</sup> @ Rs. 13291=83 |                               |    |    |    | Rs. 3086615.     |
| 10.                                  | Const of up-rainfall          |    |    |    |                  |
|                                      | pce Pavement                  |    |    |    |                  |
|                                      | P                             |    |    |    |                  |
| 687.807 <sup>2</sup> @ Rs. 8046=18   |                               |    |    |    | Rs. 5534163.     |
| 11                                   | PIV & Fixing of 100/15        |    |    |    |                  |
|                                      | grade 100 Stone               |    |    |    |                  |
|                                      | P                             |    |    |    |                  |
| 4 No @ Rs. 2891=05                   |                               |    |    |    | Rs. 11564.       |
| 12.                                  | PIV & Fixing of 900/15        |    |    |    |                  |
|                                      | grade 200 Stone               |    |    |    |                  |
|                                      | P                             |    |    |    |                  |
| 14 No @ Rs. 810.15                   |                               |    |    |    | Rs. 11342.       |
| 13.                                  | PIV & Fixing of 600mm         |    |    |    |                  |
|                                      | regulator & triangle          |    |    |    |                  |
|                                      | P                             |    |    |    |                  |
| 16 No @ Rs. 4219=74                  |                               |    |    |    | Rs. 67516.       |
| 14.                                  | PIV & Fixing of 600           |    |    |    |                  |
|                                      | mm circular                   |    |    |    |                  |

Continuation

| Particulars                       | Details of actual measurement |    |    |               | Contents of area |
|-----------------------------------|-------------------------------|----|----|---------------|------------------|
|                                   | No.                           | L. | B. | D.            |                  |
|                                   |                               | P. |    |               |                  |
| 4 No ① L. 5484:33                 |                               |    |    | Rs. 21937 :-  |                  |
| 15. PIV & fixing T. 600mm         |                               |    |    |               |                  |
| 450mm Rectangular                 |                               |    |    |               |                  |
| P                                 |                               |    |    |               |                  |
| 6 No ① L. 5354:88                 |                               |    |    | Rs. 32129 :-  |                  |
| 16. PIV & fixing - 4.9 cm x 15    |                               |    |    |               |                  |
| gas boundary pillar.              |                               |    |    |               |                  |
| P                                 |                               |    |    |               |                  |
| 54 No ① L. 814:17                 |                               |    |    | Rs. 33165 :-  |                  |
| 17. Planting & tree by the        |                               |    |    |               |                  |
| road side                         |                               |    |    |               |                  |
| P                                 |                               |    |    |               |                  |
| 123 No ① L. 1079:33               |                               |    |    | Rs. 132758 :- |                  |
| 18. PIV laying & hot app.         |                               |    |    |               |                  |
| thermo plastic 2.5 mm con.        |                               |    |    |               |                  |
| Red marking                       |                               |    |    |               |                  |
| P                                 |                               |    |    |               |                  |
| 490.60 m <sup>2</sup> ① L. 823:74 |                               |    |    | Rs. 404127 :- |                  |
| 19. Pedestrian crossing           |                               |    |    |               |                  |
| P                                 |                               |    |    |               |                  |
| 8.00 m <sup>2</sup> ① L. 823:74   |                               |    |    | Rs. 6590 :-   |                  |
| 20. PIV laying & hot app.         |                               |    |    |               |                  |
| Thermoplastic 2.5 mm comp.        |                               |    |    |               |                  |
| Red Marking                       |                               |    |    |               |                  |
| P                                 |                               |    |    |               |                  |
| 227.67 m <sup>2</sup> ① L. 916:81 |                               |    |    | Rs. 208116 :- |                  |

Continuation

| Particulars                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------|-------------------------------|----|----|----|------------------|
|                            | No.                           | L. | B. | D. |                  |
| 21.                        | Plastering & fixing of        |    |    |    |                  |
|                            | Masonry with                  |    |    |    |                  |
|                            | loga b                        |    |    |    |                  |
|                            | P                             |    |    |    |                  |
| 3 No (1) Rs.               | 12663.97                      |    |    |    | Rs. 37992.00     |
| 22.                        | Plaster work in cm            |    |    |    |                  |
|                            | (1:3) in H. wall              |    |    |    |                  |
|                            | P                             |    |    |    |                  |
| 8.64 m <sup>2</sup> @ Rs.  | 6515.75                       |    |    |    | Rs. 56296.00     |
| 23.                        | Plastering with cm (1:4)      |    |    |    |                  |
|                            | on H. wall                    |    |    |    |                  |
|                            | P.                            |    |    |    |                  |
| 80.64 m <sup>2</sup> @ Rs. | 204.60                        |    |    |    | Rs. 16499.00     |
| 24.                        | Printing two coats in.        |    |    |    |                  |
|                            | including prime coat          |    |    |    |                  |
|                            | P                             |    |    |    |                  |
| 80.64 m <sup>2</sup> @ Rs. | 114.73                        |    |    |    | Rs. 9252.00      |
|                            |                               |    |    |    | Rs. 12632625.00  |
| Add L. Carr @ 1%.          |                               |    |    |    | Rs. 126326.00    |
| Add GST @ 18%.             |                               |    |    |    | Rs. 2273873.00   |
| Add S. Allow               |                               |    |    |    | Rs. 131883.00    |
|                            |                               |    |    |    | Rs. 15164707.00  |
| less 0.11% below           |                               |    |    |    | Rs. 16681.00     |
|                            |                               |    |    |    | Rs. 15148026.00  |
| less prime pay             |                               |    |    |    | Rs. 14390902.00  |
|                            |                               |    |    |    | Rs. 757124.00    |

02/8/23  
22

P.T.O  
2

Continuation

Scanned with Oken Scanner

**अधीक्षण अभियंता का कार्यालय**  
**ग्रामीण कार्य विभाग, कार्य अंचल मोतिहारी, पूर्वी चम्पारण ।**

पत्रांक: 577 3189 दिनांक: 08-06-2023

प्रेषक

अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, मोतिहारी ।

सेवा मे,

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

विषय- ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया के अधीन शीर्ष MR (3054) नई अनुरक्षण नीति-2018 के अन्तर्गत जी0एस0टी0 दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस करने के संबंध में।

प्रसंग- आपका पत्रांक-419, दिनांक-16.03.2023

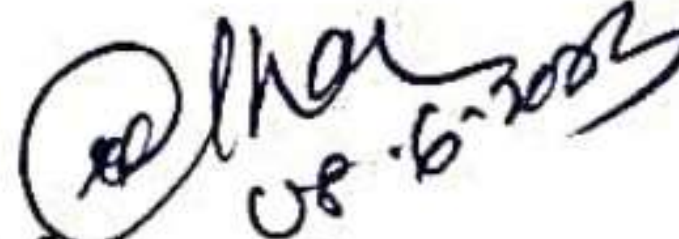
महाशय,

उपरोक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया के अधीन शीर्ष MR (3054) नई अनुरक्षण नीति-2018 के अन्तर्गत जी0एस0टी0 दर 12 प्रतिशत से 18 प्रतिशत होने के कारण अद्यतन पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस किया जाता है।

| क्र.सं. | पथ का नाम/पैकेज संख्या                       | निर्माण की राशि<br>(रु० में) | अनुरक्षण की<br>राशि (रु० में) | पुनरीक्षित<br>परिमाण विपत्र<br>की कुल राशि<br>(रु० में) |
|---------|----------------------------------------------|------------------------------|-------------------------------|---------------------------------------------------------|
| 1-      | MR-N/22-23 Chakia-/06<br>/ RM/EA/CHA/22/0011 | 15160531.00                  | 3644674.00                    | 18805205.00                                             |

अनु-यथोक्त ।

विश्वासभाजन,

  
अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग,  
कार्य अंचल, मोतिहारी ।

**Revised Abstract of BOQ for Package No- MR-N/22-23 Chakia/06**  
**Rural Works Department, Works Division, Chakia.**

| S.No. | Name of Road                                                                        | (Block)   | Length<br>(K.M.) | Cost of BOQ<br>on 12 % (In Rs) |            | Total Cost of<br>BOQ<br>on 12 % (In Rs) | Cost of BOQ<br>on 18 % (In Rs) |            | Total Cost of<br>BOQ<br>on 18 % (In Rs) |
|-------|-------------------------------------------------------------------------------------|-----------|------------------|--------------------------------|------------|-----------------------------------------|--------------------------------|------------|-----------------------------------------|
|       |                                                                                     |           |                  | Const.                         | Maint.     |                                         | Const.                         | Maint.     |                                         |
| 1     | Hariharpur Ram Babu ke ghar<br>to Alkhwani hote hue<br>Ayodhya bhagat ke khet tak - | Kalyanpur | 3.59             | 14403341.95                    | 3461170.54 | 17864512.49                             | 15160531.30                    | 3644673.70 | 18805205.00                             |
|       |                                                                                     |           | Total            | 14403341.95                    | 3461170.54 | 17864512.49                             | 15160531.30                    | 3644673.70 | 18805205.00                             |

Executive Engineer  
Rural Works Department  
Works Division, Chakia

Superintending Engineer  
Rural Works Department  
Works Circle, Motihari

Revised B.O.Q is approved due to

GST (12.1. to 18.1.) for RS 188 05205.00 (One crore Eighty Eight  
Lac five thousand Two hundred five) only. for further  
action follow the instructions given in Letter no 761 dt

23.03.2023

(Signature)

Superintending Engineer  
Rural Works Department  
Works Circle, Motihari

(Signature)  
08/06/2023

# COMPARATIVE STATEMENT OF REVISED BOQ

Name of Road:- Hariharpur Ram Babu ke ghar to Alkhwani hote hue Ayodhya bhagat ke khet tak -  
Block :- Kalyanpur District:- East Champaran

PACKAGE No. - MR-N/22-23 Chakia/06  
Length of the Road:- 3.588 km.

|   | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                             | As Per Sanctioned Estimate / BOQ on 12 % GST |          |                |                            | As Per Revised Estimate / BOQ on 18 % GST |                |                            |          | Difference |       | % (+/-) Amount | Remarks |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------|----------------|----------------------------|-------------------------------------------|----------------|----------------------------|----------|------------|-------|----------------|---------|
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                              | Units                                        | Quantity | Estimated Rate | Total Amount Without Taxes | Quantity                                  | Estimated Rate | Total Amount Without Taxes | Quantity | Amount     |       |                |         |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |          |                |                            |                                           |                |                            |          |            |       |                |         |
| 1 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3                                            | 4        | 5              | 6                          | 7                                         | 8              | 9                          | 10       | 11         | 12    | 13             |         |
|   | <b>Hariharpur Ram Babu ke ghar to Alkhwani hote hue Ayodhya bhagat ke khet tak -</b>                                                                                                                                                                                                                                                                                                                                                         |                                              |          |                |                            |                                           |                |                            |          |            |       |                |         |
| 1 | Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201. | Ha                                           | 0.7176   | 59726.130      | 42859.47                   | 0.7176                                    | 59726.130      | 42859.47                   | 0.00     | 0.00       | 0.00% |                |         |
| 2 | Consturction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upt 1000m as per Technical                                                                                                                                                                   | Cum                                          | 1506.960 | 254.040        | 382828.12                  | 1506.960                                  | 254.040        | 382828.12                  | 1411.86  | 0.00       | 0.00% |                |         |
| 3 | Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.                                                                                               | Cum                                          | 95.100   | 2421.310       | 230266.58                  | 95.100                                    | 2421.310       | 230266.58                  | 9.58     | 0.00       | 0.00% |                |         |
| 4 | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering                                                                                 | Cum                                          | 85.520   | 4693.470       | 401385.55                  | 85.520                                    | 4693.470       | 401385.55                  | -108.26  | 0.00       | 0.00% |                |         |
| 5 | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical               | cum                                          | 193.780  | 4542.180       | 880183.64                  | 193.780                                   | 4542.180       | 880183.64                  | -2589.95 | 0.00       | 0.00% |                |         |
| 6 | Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.                                                                                                                                                                                | Sqm                                          | 2583.733 | 59.090         | 152672.78                  | 2583.733                                  | 59.090         | 152672.78                  | -9290.74 | 0.00       | 0.00% |                |         |

*Approved*  
401385.55  
Superintending Engineer  
Rural Works Department  
Works Circle, Moulhali

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |           |           |            |           |           |            |         |      |       |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|-----------|------------|-----------|-----------|------------|---------|------|-------|
| 7  | Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrilloc broom as per technical specification clause 503.                                                                                                                                                                                                                                                                                                          | Sqm | 11874.471 | 20.120    | 238914.36  | 11874.471 | 20.120    | 238914.36  | 9290.74 | 0.00 | 0.00% |
| 8  | Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixline in a suitable plant, laying and rolling                                                                                                                                                                                                            | Sqm | 2583.733  | 245.300   | 633789.70  | 2583.733  | 245.300   | 633789.70  | 2351.46 | 0.00 | 0.00% |
| 9  | Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects. | cum | 232.270   | 13291.830 | 3087293.35 | 232.270   | 13291.830 | 3087293.35 | #REF!   | 0.00 | 0.00% |
| 10 | Construction of un-reinforced plain cement thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1501.2.2 M 30 grade coarse and fine aggregate maximum size of                                                                                                                                                                                                                                                                                                                                                             | Cum | 687.810   | 8046.180  | 5534243.07 | 687.810   | 8046.180  | 5534243.07 | 0.00    | 0.00 | 0.00% |
| 11 | Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.                                                                                                                                                                                                                                                                                                                                                                  | No. | 4.000     | 2891.050  | 11564.20   | 4.000     | 2891.050  | 11564.20   | 0.00    | 0.00 | 0.00% |
| 12 | Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.                                                                                                                                                                                                                                                                                                                                                                  | No. | 14.000    | 810.150   | 11342.10   | 14.000    | 810.150   | 11342.10   | 0.00    | 0.00 | 0.00% |
| 13 | Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801                                                                       | Nos | 16.000    | 4219.740  | 67515.84   | 16.000    | 4219.740  | 67515.84   | 0.00    | 0.00 | 0.00% |
| 14 | Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801                                                                       | Nos | 4.000     | 5484.330  | 21937.32   | 4.000     | 5484.330  | 21937.32   | 0.00    | 0.00 | 0.00% |
| 15 | Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting,                                                                                                                                                                                                                                                                                                                                                                 | Nos | 6.000     | 5354.880  | 32129.28   | 6.000     | 5354.880  | 32129.28   | 0.00    | 0.00 | 0.00% |

|    |                                                                                                                                                                                                                                                                                                |      |         |           |             |         |           |             |      |           |        |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|-----------|-------------|---------|-----------|-------------|------|-----------|--------|
| 16 | Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical                                                                                    | No   | 54.000  | 614.170   | 33165.18    | 54.000  | 614.170   | 33165.18    | 0.00 | 0.00      | 0.00%  |
| 17 | Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing                                                                       | Each | 123.000 | 1079.330  | 132757.59   | 123.000 | 1079.330  | 132757.59   | 0.00 | 0.00      | 0.00%  |
| 18 | Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks            | Sqm  | 490.600 | 823.740   | 404126.84   | 490.600 | 823.740   | 404126.84   | 0.00 | 0.00      | 0.00%  |
| 19 | Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes. | sqm  | 8.000   | 823.740   | 6589.92     | 8.000   | 823.740   | 6589.92     | 0.00 | 0.00      | 0.00%  |
| 20 | Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per                                                                                    | Sqm  | 227.000 | 916.810   | 208115.87   | 227.000 | 916.810   | 208115.87   | 0.00 | 0.00      | 0.00%  |
| 21 | Providing and fixing of typical MMGSY informative sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6                                                                                                                                                          | No.  | 3.000   | 12663.970 | 37991.91    | 3.000   | 12663.970 | 37991.91    | 0.00 | 0.00      | 0.00%  |
| 22 | Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600,                                                                                                                                                  | cum  | 8.640   | 6515.750  | 56296.08    | 8.640   | 6515.750  | 56296.08    | 0.00 | 0.00      | 0.00%  |
| 23 | Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 &                                                                                                                                                                   | sqm  | 80.640  | 204.600   | 16498.94    | 80.640  | 204.600   | 16498.94    | 0.00 | 0.00      | 0.00%  |
| 24 | Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plastered / concrete surface as                                                                                                                                            | sqm  | 80.640  | 114.730   | 9251.83     | 80.640  | 114.730   | 9251.83     | 0.00 | 0.00      | 0.00%  |
|    | Total Construction Amount Excluding All Taxes                                                                                                                                                                                                                                                  |      |         |           | 12633719.53 |         |           | 12633719.53 | 0.00 | 0.00      | 0.00%  |
|    | GST @ 12%/18% on Total Construction Cost                                                                                                                                                                                                                                                       |      |         |           | 1516046.34  |         |           | 2274069.52  | 0.00 | 758023.17 | 50.00% |
|    | Labour Cess @ 1 % on Total Construction Cost                                                                                                                                                                                                                                                   |      |         |           | 126337.20   |         |           | 126337.20   | 0.00 | 0.00      | 0.00%  |
|    | Add Seigniorage Fee                                                                                                                                                                                                                                                                            |      |         |           | 143100.00   |         |           | 143100.00   | 0.00 | 0.00      | 0.00%  |
|    | Total Construction Amount Including All Taxes                                                                                                                                                                                                                                                  |      |         |           | 14419203.07 |         |           | 15177226.25 | 0.00 | 758023.17 | 5.26%  |
|    | Less 0.11% Below as per Agreement (-)                                                                                                                                                                                                                                                          |      |         |           | 15861.12    |         |           | 16694.95    |      |           |        |
| A  | Total Construction                                                                                                                                                                                                                                                                             |      |         |           | 14403341.95 |         |           | 15160531.30 |      |           |        |
|    | 1st Year Maintenance cost                                                                                                                                                                                                                                                                      | YEAR | 1.00    | 111585.00 | 111585.00   | 1.00    | 111585.00 | 111585.00   | 0.00 | 0.00      | 0.00%  |

Approved

18/08/25

Superintending Engineer  
Rural Works Department  
Works Circle, Mohali

|   |                                              |                                                                             |            |             |      |            |             |      |           |        |
|---|----------------------------------------------|-----------------------------------------------------------------------------|------------|-------------|------|------------|-------------|------|-----------|--------|
|   | 2nd Year Maintenance cost                    | YEAR 1.00                                                                   | 271623.00  | 271623.00   | 1.00 | 271623.00  | 271623.00   | 0.00 | 0.00      | 0.00%  |
|   | 3rd Year Maintenance cost                    | YEAR 1.00                                                                   | 1111193.00 | 1111193.00  | 1.00 | 1111193.00 | 1111193.00  | 0.00 | 0.00      | 0.00%  |
|   | 4th Year Maintenance cost                    | YEAR 1.00                                                                   | 356936.00  | 356936.00   | 1.00 | 356936.00  | 356936.00   | 0.00 | 0.00      | 0.00%  |
|   | 5th Year Maintenance cost                    | YEAR 1.00                                                                   | 1210417.00 | 1210417.00  | 1.00 | 1210417.00 | 1210417.00  | 0.00 | 0.00      | 0.00%  |
|   | Total Maintenance Amount Excluding All Taxes |                                                                             |            | 3061754.00  |      |            | 3061754.00  | 0.00 | 0.00      | 0.00%  |
|   | GST @ 12%/18% on Total Maintenance Cost      |                                                                             |            | 367410.48   |      |            | 551115.72   | 0.00 | 183705.24 | 50.00% |
|   | Labour Cess @ 1 % on Total Maintenance Cost  |                                                                             |            | 30617.54    |      |            | 30617.54    | 0.00 | 0.00      | 0.00%  |
|   | Add Seigniorage Fee                          |                                                                             |            | 5200.00     |      |            | 5200.00     | 0.00 | 0.00      | 0.00%  |
|   | Total Maintenance Amount Including All Taxes |                                                                             |            | 3464982.02  |      |            | 3648687.26  | 0.00 | 183705.24 | 5.30%  |
|   | Less 0.11% Below as per Agreement (-)        |                                                                             |            | 3811.48     |      |            | 4013.56     |      |           |        |
| B | Total Maintenance                            | Superintending Engineer<br>Rural Works Department<br>Works Circle, Mohanpur |            | 3461170.54  |      |            | 3644673.70  |      |           |        |
|   | COST OF PROJECT IN RS. (A+B) =               |                                                                             |            | 17864512.49 |      |            | 18805205.00 | 0.00 | 941728.41 | 5.27%  |

A.A. Vide Letter No 105  
dt 03/06/2022

Const - 144.192 lac  
Maint - 54.650 lac

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, चकिया