

MMWSY-NDG-BREL-428/Joraw

# Schedule XLV-Form No. 134

Highway Road to Platejoraw Ab. Aakhuulnla.

Road Construction from DIVISION

Construction SUB-DIVISION

3148

Measurement Book

Satish Kumar.

Agno-02/SBG/NDG/23-24

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

| Particulars                                   | Details of actual measurement                   |   |   |            | Contents of area     |
|-----------------------------------------------|-------------------------------------------------|---|---|------------|----------------------|
|                                               | No.                                             | L | B | D.         |                      |
| name of work $\rightarrow$ Road to            |                                                 |   |   |            |                      |
| Alak from Aadiwadi Tola.                      |                                                 |   |   |            |                      |
| Agency $\rightarrow$ Satish Kumar             |                                                 |   |   |            |                      |
| At - Williams Town.                           |                                                 |   |   |            |                      |
| Krishnapuri, Dargah                           |                                                 |   |   |            |                      |
| Agreement No $\rightarrow$ 01/900 NDB/2023-24 |                                                 |   |   |            |                      |
| Date of work start $\rightarrow$              |                                                 |   |   | 15-07-2023 |                      |
| Date of work completion $\rightarrow$         |                                                 |   |   | 14-07-2024 |                      |
|                                               |                                                 |   |   |            |                      |
|                                               |                                                 |   |   |            |                      |
| ① construction of benchmarks                  |                                                 |   |   |            |                      |
| working benchmarks $\rightarrow$              |                                                 |   |   |            | 1.60 K.M             |
| ② clearing grass and removal                  |                                                 |   |   |            |                      |
| of rubbish                                    |                                                 |   |   |            |                      |
| cutting                                       | $2 \times 36 \times 30.00 \times 3.00 \times 2$ |   |   |            | 6480.00              |
| filling                                       | $2 \times 1 \times 10.00 \times 3.00 \times 2$  |   |   |            | 120.00               |
|                                               |                                                 |   |   |            | 1540.00              |
|                                               |                                                 |   |   |            | or 0.654 hect.       |
|                                               |                                                 |   |   |            | or 0.65 hect.        |
| ③ dimensioning of existing str.               |                                                 |   |   |            |                      |
|                                               | $4 \times 30 \times 1.14 \times 0.15 \times 2$  |   |   |            | 2.394 m <sup>2</sup> |
|                                               | $1 \times 30 \times 1.59 \times 0.15 \times 2$  |   |   |            | 0.808 m <sup>2</sup> |
|                                               |                                                 |   |   |            | 320 m <sup>2</sup>   |
| ④ dimensioning brick/pole wall                |                                                 |   |   |            |                      |
| stone masonry.                                |                                                 |   |   |            |                      |

| Particulars | Details of actual measurement |      |    |                      | Contents of area |
|-------------|-------------------------------|------|----|----------------------|------------------|
|             | No.                           | L.   | B. | D.                   |                  |
| 4x2x4.2     | 0.825                         | 2.10 | 2  | 69.30                |                  |
| 1x2x6.2     | 0.825                         | 2.20 | 2  | 30.69                |                  |
|             |                               |      |    | 99.99 m <sup>2</sup> |                  |

⑤ Removing all types of  
Lume pipe & etc.

(i) up to 600 mm dia H.P.

4x5.00 = 20.00 m

(ii) Above 600 mm to 900 mm dia

1x5.00 = 5.00 m

⑥ P/R a strip of typical  
massy information high  
band with logs

1 res.

⑦ P/R a long cylinder information  
band of massy R. fact 2 res.

*[Signature]*  
02/08/23  
7E

*[Signature]*  
02/08/23  
AE

# Abstract of cost

13

Sch. XLV-Form No. 134

| Particulars                                                                                            | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                        | No.                           | L. | B. | D. |                  |
| (1/1) construction of benchmark.<br>Working benchmark<br>at site pay - (1) T.M.B.<br>1.60 K.M          |                               |    |    |    |                  |
| (2/2) clearing grass and removal of rubbish etc.<br>at site pay - (1) T.M.B.<br>0.65 hect.             |                               |    |    |    | 22747.00         |
| (3/3) dismantling of existing structure etc.<br>at site pay - (1) T.M.B.<br>3.20 m <sup>3</sup>        |                               |    |    |    | 12457.00         |
| (4/4) dismantling brick/tile work / stone masonry.<br>at site pay - (1) T.M.B.<br>99.99 m <sup>2</sup> |                               |    |    |    | 2109.00          |
| (5/5) Removal all type Hume pipe.<br>up to 800 mm dia.<br>at site pay - (2) T.M.B.<br>20.00 m          |                               |    |    |    | 75385.00         |
| (6/6) Above 600 mm to 900 mm dia.<br>5.00 m @ 336.25/m                                                 |                               |    |    |    | 4975.00          |
|                                                                                                        |                               |    |    |    | 1682.00          |
|                                                                                                        |                               |    |    |    | Rs 1,19,355.00   |

Continuation

Bt/ H 1,19,355.200

| Particulars                                                                                            | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                        | No.                           | L. | B. | D. |                  |
| (7/7) Excavation to soil using hydraulic excavator at side pay - (4) T.M.R.                            |                               |    |    |    |                  |
| 635.00 m <sup>2</sup>                                                                                  |                               |    |    |    |                  |
| Limit - 622.65 m <sup>2</sup>                                                                          |                               |    |    |    |                  |
| @ 106.71/m <sup>2</sup>                                                                                |                               |    |    |    | 6644.3200        |
| (8/8) Removal of unsuitable soil with disposal at side pay - (7) T.M.R.                                |                               |    |    |    |                  |
| 127.00 m <sup>2</sup>                                                                                  |                               |    |    |    |                  |
| Limit - 124.53 m <sup>2</sup>                                                                          |                               |    |    |    |                  |
| @ 106.71/m <sup>2</sup>                                                                                |                               |    |    |    | 13289.200        |
| (9/9) construction of embankment with material obtained from Road way cutting at side pay - (5) T.M.R. |                               |    |    |    |                  |
| 502.00 m <sup>2</sup>                                                                                  |                               |    |    |    |                  |
| Limit - 498.12 m <sup>2</sup>                                                                          |                               |    |    |    |                  |
| @ 65.97/m <sup>2</sup>                                                                                 |                               |    |    |    | 3286.1200        |
| (10/10) construction of embankment with material at lead up 100 m. at side pay - (8) T.M.R.            |                               |    |    |    |                  |
| 2487.2847.60 m <sup>2</sup>                                                                            |                               |    |    |    |                  |
| Limit - 2809.59 m <sup>2</sup>                                                                         |                               |    |    |    |                  |
| @ 180.26/m <sup>2</sup>                                                                                |                               |    |    |    | 506457.200       |
|                                                                                                        |                               |    |    |    | 7,38405.200      |

Continuation

| Particulars                                                       | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                   | No.                           | L. | B. | D. |                  |
| (11/12) Construction of embankment with material for least 1000 m |                               |    |    |    |                  |
| at side pay - (5) T.M.D.                                          |                               |    |    |    |                  |
| 711.90 m <sup>3</sup>                                             |                               |    |    |    |                  |
| Limit - 702.40 m <sup>3</sup>                                     |                               |    |    |    |                  |
| @ 254.13/m <sup>3</sup>                                           |                               |    |    |    | 178501 = 00      |
| (12/12) Construction of subgrade                                  |                               |    |    |    |                  |
| Section shoulder                                                  |                               |    |    |    |                  |
| at side pay - (5) 2139.00 m <sup>3</sup>                          |                               |    |    |    |                  |
| at side pay - (1) 841.42 m <sup>3</sup>                           |                               |    |    |    |                  |
| Total 2980.42 m <sup>3</sup>                                      |                               |    |    |    |                  |
| @ 255.91/m <sup>3</sup>                                           |                               |    |    |    | 762717 = 00      |
| (13/12) Granular sub base with coarse graded material             |                               |    |    |    |                  |
| at side pay - (8) T.M.D.                                          |                               |    |    |    |                  |
| 900.09 m <sup>3</sup>                                             |                               |    |    |    |                  |
| @ 2411.76/m <sup>3</sup>                                          |                               |    |    |    | 21,70801 = 00    |
| (14/14) WBM grading - 3 with stone screening                      |                               |    |    |    |                  |
| at side pay - (9) T.M.D.                                          |                               |    |    |    |                  |
| 434.43 m <sup>3</sup>                                             |                               |    |    |    |                  |
| @ 3748.39/m <sup>3</sup>                                          |                               |    |    |    | 16,28413 = 00    |
| (15/18) P/S King typical                                          |                               |    |    |    |                  |
| informatory band                                                  |                               |    |    |    |                  |
| at side pay - (2) T.M.D.                                          |                               |    |    |    |                  |
|                                                                   |                               |    |    |    | 54,78839 = 00    |

Continuation

Rt N. 54,98839 = 00

| Particulars                                                | Details of actual measurement |     |    |    | Contents of area |
|------------------------------------------------------------|-------------------------------|-----|----|----|------------------|
|                                                            | No.                           | L.  | B. | D. |                  |
|                                                            | 1                             | N/A |    |    |                  |
| (16/19) Providing & fixing citizen information board.      | 13908.16/m                    |     |    |    | 13908 = 00       |
| at rate per - (2) T.M.B                                    |                               |     |    |    |                  |
| 2 m.                                                       |                               |     |    |    |                  |
| (17/29) Earth work in excavation for foundation of item    | 12738.59/m                    |     |    |    | 25477 = 00       |
| at rate per - (6) 112.94 m <sup>2</sup>                    |                               |     |    |    |                  |
| at rate per - (7) 18.00                                    |                               |     |    |    |                  |
| Total = 131.94 m <sup>2</sup>                              |                               |     |    |    |                  |
| Limit - 131.83 m <sup>2</sup>                              |                               |     |    |    |                  |
| (18/30) Providing P.C.C. M-15 as levelling course in road. | 383.28/m <sup>2</sup>         |     |    |    | 50528 = 00       |
| at rate per - (6) T.M.B                                    |                               |     |    |    |                  |
| 21.964 m <sup>2</sup>                                      |                               |     |    |    |                  |
| Limit - 21.82 m <sup>2</sup>                               |                               |     |    |    |                  |
| (19/31) Plain / Reinforced cement concrete in substructure | 7265.19/m <sup>2</sup>        |     |    |    | 158525 = 00      |
| at rate per - (6) T.M.B                                    |                               |     |    |    |                  |
| 111.030 m <sup>2</sup> to 110.25 m <sup>2</sup>            |                               |     |    |    |                  |
| (20/30) 7908.67/m <sup>2</sup>                             |                               |     |    |    | 871931 = 00      |
|                                                            |                               |     |    |    | N. 65,99208 = 00 |

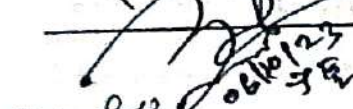
Continuation

B-1/16 65.99.208.00

| Particulars                                                                        | Details of actual measurement |    |    |    | Contents of area  |
|------------------------------------------------------------------------------------|-------------------------------|----|----|----|-------------------|
|                                                                                    | No.                           | L. | B. | D. |                   |
| (20/32) Laying bedding on well compacted sand - 1.00 m wide by - (7) T.M.R. 7.50 m |                               |    |    |    |                   |
| (21/33) @ 565.85/m <sup>3</sup> P/A Laying Hume pipe 300 mm $\phi$ . 50.00 m       |                               |    |    |    | 4244.200          |
| (22/34) @ 938.20/m P/A Laying Hume pipe 600 mm $\phi$ . 30.00 m                    |                               |    |    |    | 46910.200         |
| (23/35) @ 4121.79/m P/A Laying Hume pipe 1000 mm $\phi$ . 7.50 m                   |                               |    |    |    | 1.23654.200       |
| @ 7942.97/m                                                                        |                               |    |    |    | 59572.200         |
|                                                                                    |                               |    |    |    | Rs 68,335.88.200  |
| Add L.S.T @ 18% -                                                                  |                               |    |    |    | 12,300.46.200     |
| Add L.C.C @ 1% -                                                                   |                               |    |    |    | 68336.200         |
| Add S.Lee vide P- (1) -                                                            |                               |    |    |    | 165175.200        |
|                                                                                    |                               |    |    |    | Rs 82,971.45.200  |
| Less 10% as per Agreement                                                          |                               |    |    |    | 829715.200        |
|                                                                                    |                               |    |    |    | Rs. 74,674.30.200 |

Continuation

AK  
6/10/23  
82

  
 06/10/23  
 26/10/23

**Agreement No. : 01/SBD(LNDB) / 23-24**  
**BIHAR RURAL ROADS DEVELOPMENT**  
**AGENCY**  
**(GOVERNMENT OF BIHAR)**

Agency :- Satish Kumar, AT- Williams Town, Krishnapuri, Deoghar

Tender ID- 123605, Bid ID- 534159

Agreement Value : Rs.- 778.39512.00

**BID DOCUMENT**  
**FOR**  
**CONSTRUCTION AND MAINTENANCE OF RURAL ROADS**

DISTRICT : JAMUI

BLOCK: KHAIRA & LAXMIPUR

| Sl. No. | Name of Road                                                   | Length (in Km.) | Cost of Const. (Rs. in Lacs) | Maintanance Cost (Rs. in Lacs) | Total Estimated Cost (in Lacs) |
|---------|----------------------------------------------------------------|-----------------|------------------------------|--------------------------------|--------------------------------|
| 01      | Jamui-Kawakol Sakdari via Khelari Road to Kairbatari Janakpura | 2.850           | 282.59731                    | 27.27452                       | 309.87183                      |
| 02      | Mangobandar Road via Kewal Fariyatta to Khotajor               | 1.540           | 152.99586                    | 16.10757                       | 169.10343                      |
| 03      | Pidraun Road to Alakjara Aadiwasi Tola                         | 1.600           | 117.22035                    | 12.42088                       | 129.64123                      |
| 04      | Sabalpur to Sukhasan Aadiwasi Tola                             | 1.020           | 105.00604                    | 11.60651                       | 116.61255                      |
| 05      | Mohanpur Main Road to Purnadih Kasaiya Manjhi Tola             | 1.860           | 121.24946                    | 18.40496                       | 139.65442                      |
| Total   |                                                                | 8.870           | 779.06902                    | 85.81444                       | 864.88346                      |

Rate Quoted :- 10.00% (Ten Percent) Below  
Under

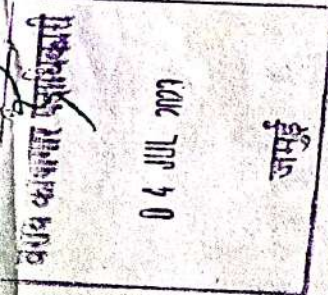
**HEAD-MMGSY(NDB BRICKS)**

**MUKHYAMANTRI GRAM SAMPARK YOJANA**

15/7/23  
EXECUTIVE ENGINEER  
R.W.D (W) DIV  
JAMUI



बिहार BIHAR



28/12/02-2023  
सतीश कुमार दे. 21/07/2023  
ताम्रपत्र 21/07/2023 (मालिक)  
100051-1010

AT 568451  
12-07-2023

श्रीलक्ष्मी कुमार सिंह  
स्टाम्प गैर न्यायिक  
सा.नं. 1/2003

### Agreement

This agreement, made the 15th day of July 2023, between Executive Engineer, R.W.D.(W) Division, Jamui. (hereinafter called "the Employer") of Satish Kumar, At- Williams Town, Krishnapuri, Deoghar. (hereinafter called "the Contractor").

Whereas the Employer is desirous that the Contractor execute Construction of Road and CD Works with maintenance for (A) Jamui-Kawakol Sakdari via Khelari Road to Kairbatari Janakpura (B) Mangobandar Road via Kewal Fariyatta to Khotajor (C) Pidraun Road to Alakjara Aadiwasi Tola (D) Sabalpur to Sukhasan Aadiwasi Tola (E) Mohanpur Main Road to Purnadih Kasaiya Manjhi Tola (Tender Group No. MMGSY-NDB-BRRP-428-Jamui). [name and identification number of Contract] (hereinafter called "the Works") and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and routine maintenance of the works for 5 years and the remedying of any defects therein at a cost of Rupees 77839512/- (Rupees Seven Crore Seventy Eight Lakh Thirty Nine Thousand Five Hundred Twelve) Only respectively.

*[Signature]*

*[Signature]*

15/7/23  
EXECUTIVE ENGINEER  
R.W.D (W) DIV  
JAMUI  
15/7/23

**Agreement No. -**

1. Name of Work :- (A) Jamui-Kawakol Sakdari via Khelari Road to Kairbatari Janakpura (B) Mangobandar Road via Kewal Fariyatta to Khotajor (C) Pidraun Road to Alakjara Aadiwasi Tola (D) Sabalpur to Sukhasan Aadiwasi Tola (E) Mohanpur Main Road to Purnadih Kasaiya Manjhi Tola Road in Khaira & Laxmipur Block, Under Package No.- MMGSY-NDB-BRRP-428-Jamui
2. Name of Agency :- Satish Kumar, At- Williams Town, Krishnapuri, Deoghar
3. Authority :-
4. Agreement Value :- Construction Cost- Rs.- 701.16213 Lakh  
Maintenance Cost Rs.- 77.23299 Lakh  
Total:- Rs.- 778.39512 Lakh
5. Earnest Money :-
- |                           |                 |
|---------------------------|-----------------|
| Q1) P.D.N.O - 41798106468 | Rs - 1750000-00 |
| Q2) P.D.N.O - 42071311749 | Rs - 196000-00  |
| Q3) P.D.N.O - 41798105931 | Rs - 1700000-00 |
| Q4) P.D.N.O - 42071314332 | Rs - 1550000-00 |
| Total - 5196000-00        |                 |
6. Date of Commencement :- 15-7-23
7. Date of Completion :- 14-7-24
8. No. of Items of Work :- 51+53+47+49+49 = 249 Nos only.
9. Rate Quoted :- 10 % (Ten Percent) Below.

*Satish Kumar*

*7/5/23*

*und 17/7/23*  
EXECUTIVE ENGINEER  
R.W.D (W) DIV  
JAMUI  
*17/7/23*

Latitude: 24.961872  
 Longitude: 86.434054  
 Elevation: 138.08±23 m  
 Accuracy: 24.9 m  
 Time: 09-30-2023 12:50

Note: pidraun Mr road to alara aadiwasi tola

**मुख्यमंत्री ग्राम संपर्क योजना**  
 विभाग : जलसंधारण  
 कार का नाम :- पिडराउन मर रोड से अलरा आदिवासी टोला तक सड़क निर्माण कार्य  
 कुल लम्बाई :- 1.000 K.M. की. मी. लम्बाई :- 1.000 K.M. एच. डी. लम्बाई :- 0 K.M.  
 अनुमोदित :- 14/07/2023

**सड़क निर्माण का विवरण**



**सड़क का (का बंध) विवरण**

|                                                                       |          |                  |
|-----------------------------------------------------------------------|----------|------------------|
| 1. अलराउन मर पिडराउन मर                                               | पथ मी. ( | दुक की लम्बाई/पथ |
| पथ की लम्बाई/पथ                                                       | पथ मी. ( | दुक की लम्बाई/पथ |
| 2. पथ की लम्बाई/पथ                                                    | पथ मी. ( | दुक की लम्बाई/पथ |
| पथ की लम्बाई/पथ                                                       | पथ मी. ( | दुक की लम्बाई/पथ |
| 3. पिडराउन मर पथ का 2 बराली में बंध की लम्बाई (अलराउन मर 2 बराली में) | पथ मी. ( | दुक की लम्बाई/पथ |
| पथ की लम्बाई/पथ                                                       | पथ मी. ( | दुक की लम्बाई/पथ |
| 4. अलराउन मर पथ का 2 बराली में बंध की लम्बाई (अलराउन मर 2 बराली में)  | पथ मी. ( | दुक की लम्बाई/पथ |
| पथ की लम्बाई/पथ                                                       | पथ मी. ( | दुक की लम्बाई/पथ |

**मुख्यमंत्री ग्राम संपर्क योजना**

कार का नाम :- पिडराउन मर रोड से अलराउन आदिवासी टोला तक सड़क निर्माण कार्य  
 पथ की लम्बाई :- 1.000 कि.मी. एच.डी. लम्बाई :- 0.000 कि.मी. 24 प्राथमिकता रफि :- 1,00,41,832 रुपाय  
 पथ की लम्बाई/पथ अलराउन की लम्बाई :- 11,77,879 रुपाय  
 कार्य आरंभ की तिथि :- 15/07/2023 कार्य समाप्त की तिथि :- 14/07/2024

**स्वीडक का नाम :- सलीम कुमार, कवर**  
 कार्य निष्पन्नता द्वारा :- कार्यवाही अतिरिक्त, सामान्य कार्य विभाग, कार्य प्रमोशन, जमुई

**NDB (BRICKS BANK) द्वारा वित्त पोषित परियोजना**

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