

Tammyadan Kathal

Schedule XLV-Form No. 134

Manoj Kumar

10/10/18 (10)

10/10/18 (10)

DIVISION

6/1/18

10/10/18 (10)

SUB-DIVISION

WAZIRGANJ

MEASUREMENT BOOK

3146

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 measurements relating to each work).

| Particulars | Details of actual measurement |    |    |    | Contents of area |
|-------------|-------------------------------|----|----|----|------------------|
|             | No.                           | L. | B. | D. |                  |

Ist on A/C Bill

Name of work: Const of rural road

from Danyawan To 9

Karchal To To 3 NH under

Agency: Manoj Kumar

Agtn. 100/MMGSY/SC/BO/20-21

Don: 18.2.21

ToC: 18.2.22

Date of measurement: 16.2.22

① Const of ref & working

Bm divide all

0.406 Km

② Clearing & grubbing of

road (G.W) divide

$10 \times 30.0 \text{ m} \times 6.0 \text{ m} = 1800.0 \text{ m}^2$

$3 \times 30.0 \text{ m} \times 6.0 \text{ m} = 540.0 \text{ m}^2$

$1 \times 6.0 \text{ m} \times 5.0 \text{ m} = 30.0 \text{ m}^2$

2370.0 m<sup>2</sup>

or 0.237 Hect

③ Const of embankment

material obtained from

barrow pit divide all

C/O

Continuation



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 measurements relating to each work).

| Particulars                       | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------|-------------------------------|----|----|----|------------------|
|                                   | No.                           | L. | B. | D. |                  |
| <u>Ist on APC Bill</u>            |                               |    |    |    |                  |
| Name of work: Const of rural road |                               |    |    |    |                  |
| from Jamuayan To                  |                               |    |    |    |                  |
| Karchal To To 3 NH under          |                               |    |    |    |                  |
| Mmasy (SC)                        |                               |    |    |    |                  |
| Agency: Manoj Kumar               |                               |    |    |    |                  |
| Agtn. 100/Mmasy/SC/BO/20-21       |                               |    |    |    |                  |
| Dow. 10.2.21                      |                               |    |    |    |                  |
| ToC: 18.2.22                      |                               |    |    |    |                  |
| Date of measurement: 16.2.22      |                               |    |    |    |                  |

① Const of ref & working

Bm divide all

0.406 Km

② Clearing & grubbing of

road (Gnd) divide

$$10 \times 30.0 \text{ w} \times 6.0 \text{ w} = 1800.0 \text{ m}^2$$

$$3 \times 30.0 \text{ w} \times 6.0 \text{ w} = 540.0 \text{ m}^2$$

$$1 \times 6.0 \text{ w} \times 5.0 \text{ w} = 30.0 \text{ m}^2$$

$$2370.0 \text{ m}^2$$

$$\text{or } 0.237 \text{ Hect}$$

③ Const of embankment

material obtained from

borrow pit divide all

C/O

Continuation

## Sch.XLV-Form No. 134

| Particulars | Details of actual measurement |      |      |                        | Contents of area |
|-------------|-------------------------------|------|------|------------------------|------------------|
|             | No.                           | L.   | B.   | D.                     |                  |
| Chaining    | (10)                          | 5.48 | 0    | 0.00                   |                  |
|             | 50                            | 5.54 | 5.51 | 275.50                 |                  |
|             | 100                           | 5.42 | 5.48 | 274.00                 |                  |
|             | 150                           | 3.46 | 4.44 | 222.00                 |                  |
|             | 200                           | 3.52 | 3.49 | 174.50                 |                  |
|             | 250                           | 3.40 | 3.46 | 173.00                 |                  |
|             | 300                           | 3.36 | 3.38 | 169.00                 |                  |
|             | 350                           | 3.28 | 3.32 | 166.00                 |                  |
|             | 406                           | 3.34 | 3.31 | 185.36                 |                  |
|             |                               |      |      | 1639.36 M <sup>2</sup> |                  |
|             |                               |      |      | 800.00 M <sup>2</sup>  |                  |

(1) Lead room -  $227.80 \text{ m}^2$   
(2) Lead room -  $759.36 \text{ m}^3$

(4) Const of Subgrade &

Shoulder dodo

$$2 \times 10 \times 3 \times 1.25 \times 0.1 \text{ cm} = 75 \text{ cm}^3$$

$$2 \times 3 \times 30 \cdot \pi \times 1.25 \times 0.16 = 22.5 \text{ dm}$$

$$2 \times 1 \times 16 \times 1.25 \times 0.125 = 4 \text{ cm}^3$$

~~101.50m<sup>3</sup>~~

(5) Const of ~~Subgrade~~ CSB by  
Potterywell grade

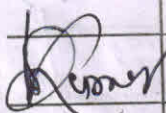
$$10 \times 30 \times 3.75 \times 0.075 = 84.375$$

$$3 \times 30 + 4 \times 3.75 \times 0.075 = 25.31$$

109.68<sup>3</sup>

Rumol



| Particulars                                                                         | Details of actual measurement |   |      |                     | Contents of area |
|-------------------------------------------------------------------------------------|-------------------------------|---|------|---------------------|------------------|
|                                                                                     | No.                           | L | B    | D                   |                  |
| ⑤ P.V PCC M 20 20 form                                                              |                               |   |      |                     |                  |
| H.W.                                                                                | 2                             | 2 | 3.60 | $0.865 \times 1.35$ | $= 16.87m^3$     |
| B/Pipe:                                                                             | 2                             | 1 | 6.22 | $1.02 \times 0.25$  | $= 3.17m^3$      |
|                                                                                     |                               |   |      |                     | $19.98m^3$       |
| ⑥ P.V PCC M 20 20 in Substr                                                         |                               |   |      |                     |                  |
| ⑦ S.P.F 6mm dia                                                                     |                               |   |      |                     |                  |
|                                                                                     | 2                             | 3 | 2.50 |                     | $= 15.00m^3$     |
| ⑧ P.V First class bedding                                                           |                               |   |      |                     |                  |
| deduct all -                                                                        |                               |   |      |                     |                  |
| B/Pipe:                                                                             | 2                             | 1 | 6.22 | $1.02 \times 0.55$  | $= 6.97$         |
| deduct                                                                              | 2                             | 1 | 6.22 | $0.16$              | $= 1.99$         |
|                                                                                     |                               |   |      |                     | $4.98m^3$        |
| ⑨ Filling in form trenches                                                          |                               |   |      |                     |                  |
| H.W                                                                                 | 2                             | 2 | 3.6  | $0.41$              | $= 5.90m^3$      |
| Round Pipe                                                                          | 2                             | 1 | 6.46 | $1.02 \times 0.42$  | $= 5.53$         |
| deduct Pipe                                                                         | 2                             | 1 | 6.46 | $0.25$              | $= 3.23$         |
|                                                                                     |                               |   |      |                     | $8.20m^3$        |
|  |                               |   |      |                     |                  |
| PE 17.2.22                                                                          |                               |   |      |                     |                  |

| Particulars                                                                                | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                            | No.                           | L. | B. | D. |                  |
| ABSTRACT OF COST                                                                           |                               |    |    |    |                  |
| (1/1) Const of met & working<br>Bm devalued<br>vide PmbP1                                  |                               |    |    |    |                  |
| 0.406 Km @ 173697.56                                                                       |                               |    |    | 15 | 1501.44          |
| (2/3) Cleaning & grubbing<br>of road bundles<br>vide PmbP1                                 |                               |    |    |    |                  |
| 0.237 Hect @ 1752998.20                                                                    |                               |    |    | 17 | 125606.44        |
| (3/5+6) Const of embankment<br>material obtained from<br>borrow pit devalued<br>vide PmbP2 |                               |    |    |    |                  |
| (i) lead 1000m<br>227.80 m <sup>3</sup> @ 192.03                                           |                               |    |    |    |                  |
|                                                                                            |                               |    |    | 17 | 43744.44         |
| (ii) lead upto 100m<br>531.55 m <sup>3</sup> @ 154.58                                      |                               |    |    |    |                  |
|                                                                                            |                               |    |    | 15 | 82167.44         |
| (4/7) Const of subgrade<br>vide PmbP2                                                      |                               |    |    |    |                  |
| 101.50 m <sup>3</sup> @ 176.64                                                             |                               |    |    | 17 | 17929.44         |

10/15 270947 = ~  
 Continuation



| Particulars                  | Details of actual measurement |                       |    |         | Contents of area |
|------------------------------|-------------------------------|-----------------------|----|---------|------------------|
|                              | No.                           | L.                    | B. | D.      |                  |
|                              |                               | B/F                   |    |         | 270947 = ~       |
| (5/8) Const of GSB by Pandy  |                               |                       |    |         |                  |
| well graded dmd              |                               |                       |    |         |                  |
|                              |                               | vide ImBP2            |    |         |                  |
|                              |                               | 109.68 m <sup>3</sup> | @  | 1885.97 |                  |
|                              |                               |                       |    |         | Rs 206853        |
| (6/26) P.W. C.C.M 202 in fdn |                               |                       |    |         |                  |
|                              |                               | vide ImBP3            |    |         |                  |
|                              |                               | 63.00 m <sup>3</sup>  | @  | 4996.12 |                  |
|                              |                               |                       |    |         | Rs 314757. ~     |
| (7/27) S/F/F HYSD reinf      |                               |                       |    |         |                  |
| 2 in fdn dmd                 |                               |                       |    |         |                  |

|                               |  |                      |   |          |              |
|-------------------------------|--|----------------------|---|----------|--------------|
|                               |  | vide ImBP3           |   |          |              |
|                               |  | 2.108 MT             | @ | 56104.97 |              |
|                               |  |                      |   |          | Rs 118269. ~ |
| (8/23) E/W in excavation      |  |                      |   |          |              |
| 2 in fdn dmd                  |  |                      |   |          |              |
|                               |  | vide ImBP3           |   |          |              |
|                               |  | 32.81 m <sup>3</sup> | @ | 305.42   |              |
|                               |  |                      |   |          | Rs 10021. ~  |
| (9/24) P.W. C.C.M 15 in fdn   |  |                      |   |          |              |
|                               |  | vide ImBP3           |   |          |              |
|                               |  | 2.90 m <sup>3</sup>  | @ | 4293.12  |              |
|                               |  |                      |   |          | Rs 12450. ~  |
| (10/25) P.W. C.C.M 202 in fdn |  |                      |   |          |              |
|                               |  | vide ImBP4           |   |          |              |
|                               |  | 19.98 m <sup>3</sup> | @ | 4746.82  |              |
|                               |  |                      |   |          | Rs 94841 = ~ |

Continuation

Rs 1028138 = ~

| Particulars                                   | Details of actual measurement |    |                       |           | Contents of area |
|-----------------------------------------------|-------------------------------|----|-----------------------|-----------|------------------|
|                                               | No.                           | L. | B.                    | D.        |                  |
|                                               |                               |    | B/F                   | 270947    | = ~              |
| (5/8) Cont of GSB by hand<br>well graded dumd |                               |    |                       |           |                  |
|                                               |                               |    | vide ImBP2            |           |                  |
|                                               |                               |    | 109.68 m <sup>3</sup> | @ 1885.97 |                  |
|                                               |                               |    |                       | Rs 206853 |                  |
| (6/26) P.V. R.C.C.M 202 in fdn                |                               |    | vide ImBP3            |           |                  |
|                                               |                               |    | 63.00 m <sup>3</sup>  | @ 4996.12 |                  |
|                                               |                               |    |                       | Rs 314757 |                  |
| (7/27) S/F/F HYSD reinf<br>2 in fdn dumd      |                               |    |                       |           |                  |

|                                           |  |  |                      |            |              |
|-------------------------------------------|--|--|----------------------|------------|--------------|
|                                           |  |  | vide ImBP3           |            |              |
|                                           |  |  | 2.108 MT             | @ 56104.97 |              |
|                                           |  |  |                      | Rs 118269  |              |
| (8/23) E/W in excavation<br>2 in fdn dumd |  |  | vide ImBP3           |            |              |
|                                           |  |  | 32.81 m <sup>3</sup> | @ 305.42   |              |
|                                           |  |  |                      | Rs 10021   |              |
| (9/24) P.V. R.C.C.M 15 in fdn             |  |  | vide ImBP3           |            |              |
|                                           |  |  | 2.90 m <sup>3</sup>  | @ 4293.12  |              |
|                                           |  |  |                      | Rs 12450   |              |
| (10/25) P.V. R.C.C.M 202 in fdn           |  |  | vide ImBP4           |            |              |
|                                           |  |  | 19.98 m <sup>3</sup> | @ 4746.82  | Rs 94841 = ~ |

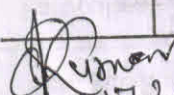
Continuation

Rs 1028138 = ~



| Particulars                      | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------|-------------------------------|----|----|----|------------------|
|                                  | No.                           | L. | B. | D. |                  |
| B/F R 1028138 = w                |                               |    |    |    |                  |
| (11/20) Fin pccm in sub          |                               |    |    |    |                  |
| vide ImBP 4                      |                               |    |    |    |                  |
| 6.90m <sup>3</sup> @ Rs 4959.41  |                               |    |    |    |                  |
|                                  |                               |    |    |    | Rs 34220.        |
| (12/29) S/F/F 600 mm dist. H/V   |                               |    |    |    |                  |
| vide ImBP 4                      |                               |    |    |    |                  |
| 15.00m <sup>3</sup> @ Rs 1186.58 |                               |    |    |    |                  |
|                                  |                               |    |    |    | Rs 17799.00      |
| (13/31) Fin 1st class beddy      |                               |    |    |    |                  |
| vide ImBP 4                      |                               |    |    |    |                  |
| 4.98m <sup>3</sup> @ Rs 522.31   |                               |    |    |    |                  |

|                                |  |  |  |  |                |
|--------------------------------|--|--|--|--|----------------|
|                                |  |  |  |  | Rs 2601.00     |
| (14/32) Sand filling in sub    |  |  |  |  |                |
| vide ImBP 4                    |  |  |  |  |                |
| 8.20m <sup>3</sup> @ Rs 522.31 |  |  |  |  |                |
|                                |  |  |  |  | Rs 4283.00     |
|                                |  |  |  |  | Rs 1087041 = w |
| Add 12% GST (+)                |  |  |  |  | Rs 130445 = w  |
| Add 1% Lab. cost (+)           |  |  |  |  | 10870 = w      |
| S.F (+)                        |  |  |  |  | 24620 = w      |
|                                |  |  |  |  | Rs 1252976 = w |
| Less: 16% Belav (-)            |  |  |  |  | 2005 = w       |
|                                |  |  |  |  | Rs 1250971 = w |

  
 JE 17.2.22

Continuation