

MMGSY-SC

Pr.B.No.-3162

Schedule XLV-Form No. 134

प्रमाणपत्र स्वीकार के लिए प्रमाणित करने के लिए

Pr.B.No. 048BD/2019-20

प्रमाणपत्र स्वीकार के लिए प्रमाणित करने के लिए

DIVISION

प्रमाणपत्र स्वीकार के लिए प्रमाणित करने के लिए

SUB-DIVISION

प्रमाणपत्र स्वीकार के लिए प्रमाणित करने के लिए

प्रमाणपत्र

MEASUREMENT BOOK

Pr.B.No.-3162

# 1st on A/c bill

Name to work—

1

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. |                  |
| N/W:-               | Construction of Road from       |    |    |    |                  |
|                     | Chatoa PMSY se Rai              |    |    |    |                  |
|                     | Bahadur Singh ke tola           |    |    |    |                  |
|                     | tark under PMSY (SC) at         |    |    |    |                  |
|                     | block Jalalpur.                 |    |    |    |                  |
| N/Agency—           | <del>Shri</del> Jai Ganga maiya |    |    |    |                  |
|                     | (Prop Jaimitenderi)             |    |    |    |                  |
| Ass No—             | 04/SBD/2019-20                  |    |    |    |                  |
| Date of start—      | 05.02.2019                      |    |    |    |                  |
| Date of Completion— | 04.02.2020                      |    |    |    |                  |

|                                             |  |  |  |  |  |
|---------------------------------------------|--|--|--|--|--|
| Date of measurement—11.01.2021              |  |  |  |  |  |
| Items of work.                              |  |  |  |  |  |
| (1) PIV & fixing of working bench-          |  |  |  |  |  |
| -mark pillars. = 01 NO.                     |  |  |  |  |  |
| (2) PIV & fixing of reference               |  |  |  |  |  |
| pillars = 04 NOS.                           |  |  |  |  |  |
| (3) clearing & grubbing of road             |  |  |  |  |  |
| land.                                       |  |  |  |  |  |
| 2x 10x30.00m x 1.50m = 900.00m <sup>2</sup> |  |  |  |  |  |
| 2x 10x30.00m x 1.50m = 900.00m <sup>2</sup> |  |  |  |  |  |
| 2x 7x30.00m x 1.50m = 630.00m <sup>2</sup>  |  |  |  |  |  |
| Total = 2430.00m <sup>2</sup>               |  |  |  |  |  |
| = 0.243 Hectar                              |  |  |  |  |  |

Continuation

| Particulars                                                                                             | Details of actual measurement |                   |                   |         | Contents of area     |
|---------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|-------------------|---------|----------------------|
|                                                                                                         | No.                           | L.                | B.                | D.      |                      |
| (4) Box cutting - Excavation for roadway in soil using manual means. (For B.T. portion)                 |                               |                   |                   |         |                      |
| 2 x 10 x 30.10 m x 0.525 m x 0.10 m = 31.50 m <sup>3</sup>                                              |                               |                   |                   |         |                      |
| 2 x 10 x 30.10 m x 0.525 m x 0.10 m = 31.50 m <sup>3</sup>                                              |                               |                   |                   |         |                      |
| 2 x 7 x 30.10 m x 0.525 m x 0.10 m = 22.05 m <sup>3</sup>                                               |                               |                   |                   |         |                      |
|                                                                                                         |                               |                   |                   | Total = | 85.05 m <sup>3</sup> |
| (5) Construction of embankment with material obtained from borrow pits with a lead upto 1000 m & 100 m. |                               |                   |                   |         |                      |
| St. No                                                                                                  | chainage                      | C/S Area          | Mean C/S Area     | Dist    | Volume               |
|                                                                                                         | (m)                           | (m <sup>2</sup> ) | (m <sup>2</sup> ) | (m)     | (m <sup>3</sup> )    |

|    |     |       |       |     |       |
|----|-----|-------|-------|-----|-------|
| 1  | 0   | 0.560 | 0.280 | 0.0 | 0.00  |
| 2  | 50  | 0.760 | 0.660 | 50  | 33.00 |
| 3  | 100 | 0.580 | 0.670 | 50  | 33.50 |
| 4  | 150 | 0.695 | 0.637 | 50  | 31.85 |
| 5  | 200 | 0.780 | 0.737 | 50  | 36.85 |
| 6  | 250 | 0.645 | 0.712 | 50  | 35.60 |
| 7  | 300 | 0.905 | 0.775 | 50  | 38.75 |
| 8  | 350 | 0.785 | 0.845 | 50  | 42.25 |
| 9  | 400 | 0.812 | 0.798 | 50  | 39.90 |
| 10 | 450 | 1.100 | 0.956 | 50  | 47.80 |
| 11 | 500 | 1.015 | 1.057 | 50  | 52.85 |
| 12 | 550 | 1.214 | 1.114 | 50  | 55.70 |
| 13 | 600 | 1.012 | 1.113 | 50  | 55.65 |
| 14 | 650 | 0.780 | 0.896 | 50  | 44.80 |

Continuation at page 548.50 m

| Particulars     | Details of actual measurement |                   |                   |        | Contents of area     |
|-----------------|-------------------------------|-------------------|-------------------|--------|----------------------|
|                 | No.                           | L.                | B.                | D.     |                      |
| Sl. NO chainage | c/s Area                      | Mean c/s Area     | Dist              | Volume |                      |
|                 | (m)                           | (m <sup>2</sup> ) | (m <sup>2</sup> ) | (m)    | m <sup>3</sup>       |
|                 |                               |                   | Qty B/F           |        | 548.50m <sup>3</sup> |
| 15              | 700                           | 0.824             | 0.802             | 50     | 40.10m <sup>3</sup>  |
| 16              | 750                           | 0.785             | 0.804             | 50     | 40.20m <sup>3</sup>  |
| 17              | 800                           | 0.810             | 0.797             | 50     | 39.85m <sup>3</sup>  |
| 18              | 810                           | 0.790             | 0.800             | 10     | 8.40m <sup>3</sup>   |
|                 |                               |                   | Total             |        | 676.60m <sup>3</sup> |

(a) (e) 1000 m lead = 351.83m<sup>3</sup>

(b) (a) 100 m lead = 324.77m<sup>3</sup>

(6) construction of granules

|                                                           |  |  |  |  |  |
|-----------------------------------------------------------|--|--|--|--|--|
| Sub-base by providing coarse graded material.             |  |  |  |  |  |
| In box cutting (B.T. portion)                             |  |  |  |  |  |
| 2x 10x30.00m x 0.525m x 0.10m = 31.50m <sup>3</sup>       |  |  |  |  |  |
| 2x 10x30.00m x 0.525m x 0.10m = 31.50m <sup>3</sup>       |  |  |  |  |  |
| 2x 7x30.00m x 0.525m x 0.10m = 22.05m <sup>3</sup>        |  |  |  |  |  |
| In full width,                                            |  |  |  |  |  |
| (1x) 1x 10x30.00m x 4.050m x 0.10m = 121.50m <sup>3</sup> |  |  |  |  |  |
| 1x 10x30.00m x 4.050m x 0.10m = 121.50m <sup>3</sup>      |  |  |  |  |  |
| 1x 7x30.00m x 4.050m x 0.10m = 85.05m <sup>3</sup>        |  |  |  |  |  |
| for profile correction                                    |  |  |  |  |  |
| 6x 2.80m x 2.00m x 0.10m = 3.36m <sup>3</sup>             |  |  |  |  |  |
| 2x 2.50m x 1.80m x 0.10m = 0.90m <sup>3</sup>             |  |  |  |  |  |
| Qty C/O = 417.36m <sup>3</sup>                            |  |  |  |  |  |

Continuation

| Particulars                                      | Details of actual measurement |    |    |         | Contents of area     |
|--------------------------------------------------|-------------------------------|----|----|---------|----------------------|
|                                                  | No.                           | L. | B. | D.      |                      |
|                                                  |                               |    |    | Qty B/F | 417.36m <sup>2</sup> |
| Extra widening at H-curve,                       |                               |    |    |         |                      |
| $2 \times 3.70m \times 2.10m \times 0.100m$      |                               |    |    |         | $= 1.55m^3$          |
| $2 \times 5.80m \times 0.500m \times 0.100m$     |                               |    |    |         | $= 0.58m^3$          |
| Total                                            |                               |    |    |         | $= 419.49m^3$        |
| (7) p/v, Laying, spreading & compaction of WBM-3 |                               |    |    |         |                      |
| 10 X 30.00m X 3.75m X 0.075m                     |                               |    |    |         | $= 84.37m^3$         |
| 10 X 30.00m X 3.75m X 0.075m                     |                               |    |    |         | $= 84.37m^3$         |
| 7 X 30.00m X 3.75m X 0.075m                      |                               |    |    |         | $= 59.06m^3$         |
| Extra width at H-curve,                          |                               |    |    |         |                      |

|                                                                                                 |  |  |  |               |
|-------------------------------------------------------------------------------------------------|--|--|--|---------------|
| $2 \times 3.70m \times 2.10m \times 0.075m$                                                     |  |  |  | $= 1.16m^3$   |
| $2 \times 5.80m \times 0.500m \times 0.075m$                                                    |  |  |  | $= 0.43m^3$   |
| Total                                                                                           |  |  |  | $= 229.39m^3$ |
| (8) Construction of unreinforced plain cement concrete pavement as per technical specification, |  |  |  |               |
| 5 X 30.00m X 3.050m X 0.160m                                                                    |  |  |  | $= 73.20m^3$  |
| 2 X 30.00m X 3.050m X 0.160m                                                                    |  |  |  | $= 20.28m^3$  |
| 1 X 30.00m X 3.050m X 0.160m                                                                    |  |  |  | $= 1.46m^3$   |
| Extra width at H-curve,                                                                         |  |  |  |               |
| $2 \times 5.00m \times 0.500m \times 0.160m$                                                    |  |  |  | $= 0.80m^3$   |
| Total                                                                                           |  |  |  | $= 104.74m^3$ |

Continuation

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| Particulars                                                                 | Details of actual measurement |    |    |         | Contents of area   |
|-----------------------------------------------------------------------------|-------------------------------|----|----|---------|--------------------|
|                                                                             | No.                           | L. | B. | D.      |                    |
| ⑨ Plv & fixing of typical mmssy interlocking sign board with logo = 02 NOS. |                               |    |    |         |                    |
| 1                                                                           | Mmm                           |    |    |         | Tideu item checked |
| 11/01/2021                                                                  |                               |    |    |         | Estimated.         |
| (S.E)                                                                       |                               |    |    |         | 12/1/2021          |
| Abstract of cost                                                            |                               |    |    |         |                    |
| 1 Plv & fixing of working Benchmark pillars.                                |                               |    |    |         |                    |
| 01 NO, vide TMBP-1                                                          |                               |    |    |         |                    |
| ① Rs 3909 = 52/NO — Rs 3909 = 00                                            |                               |    |    |         |                    |
| 2 Plv & fixing of reference pillars.                                        |                               |    |    |         |                    |
| 04 NOS, vide TMBP-1                                                         |                               |    |    |         |                    |
| ① Rs 1787 = 34/NO — Rs 7149 = 00                                            |                               |    |    |         |                    |
| 3 B. clearing & grubbing of road land.                                      |                               |    |    |         |                    |
| 0.243 Hect, vide TMBP-1                                                     |                               |    |    |         |                    |
| ① Rs 50148 = 62/Hect. Rs 12,186 = 00                                        |                               |    |    |         |                    |
|                                                                             |                               |    |    | cl/o Rs | 23,244 = 00        |

Continuation

## Sch. XLV—Form No. 134

| Particulars                              | Details of actual measurement |    |     |    | Contents of area |
|------------------------------------------|-------------------------------|----|-----|----|------------------|
|                                          | No.                           | L. | B.  | D. |                  |
|                                          |                               |    | B/F | PS | 23,244=0         |
| $\frac{4}{4}$ Box cutting - excavation   |                               |    |     |    |                  |
| for roadways in soil                     |                               |    |     |    |                  |
| Using manual means.                      |                               |    |     |    |                  |
| 85.05 m <sup>3</sup> , vide TM 3P-2      |                               |    |     |    |                  |
| ① PS 75=43/m <sup>3</sup> — PS           |                               |    |     |    | 6415=0           |
| $\frac{5}{5}$ Construction of embankment |                               |    |     |    |                  |
| with a lead up to 100m.                  |                               |    |     |    |                  |
| 351.83 m <sup>3</sup> , vide TM 3P-3     |                               |    |     |    |                  |
| ① PS 155=23/m <sup>3</sup> — PS          |                               |    |     |    | 54,615=0         |
| $\frac{6}{6}$ Construction of embankment |                               |    |     |    |                  |
| with a lead up to 100m.                  |                               |    |     |    |                  |
| 324.77 m <sup>3</sup> , vide TM 3P-3     |                               |    |     |    |                  |
| ① PS 130=88/m <sup>3</sup> — PS          |                               |    |     |    | 42506=0          |
| $\frac{7}{8}$ Construction of granules   |                               |    |     |    |                  |
| Sub-base by providing                    |                               |    |     |    |                  |
| coarse graded material.                  |                               |    |     |    |                  |
| <del>229.37</del>                        |                               |    |     |    |                  |
| 419.49 m <sup>3</sup> , vide TM 2P-4     |                               |    |     |    |                  |
| ① PS 26.46=59/m <sup>3</sup> — PS        |                               |    |     |    | 11,10,218=0      |
| $\frac{8}{9}$ Plv, leveling, Spreading   |                               |    |     |    |                  |
| & Compacting of WBM-3                    |                               |    |     |    |                  |
| 229.39 m <sup>3</sup> , vide TM 2P-4     |                               |    |     |    |                  |
| ① PS 4000=93/m <sup>3</sup> — PS         |                               |    |     |    | 9,17,773=0       |
|                                          |                               |    | C/O | PS | 21,54,771=0      |

Continuation

