

MR.NO/19.20 Chapra-2/10

14.13.No-3399

## Schedule XLV-Form No. 134

ବୃତ୍ତୀୟତା ଓ ଚିକିତ୍ସାସ୍ଥିତି ପ୍ରତି

ପ୍ରାଥମିକ ଓ ମଧ୍ୟମ - 86/MBD/20-21

ସ୍ୱାସ୍ଥ୍ୟ ଓ ଶିକ୍ଷା

DIVISION

ଶାଳିକା ଓ ଶିକ୍ଷା ସ୍ଥଳ

ପ୍ରାଥମିକ

SUB-DIVISION

MEASUREMENT BOOK

14.13.No-3399

## 1

No. and date of agreement

| Particulars                            | Details of actual measurement |    |    |    | Contents<br>of area |
|----------------------------------------|-------------------------------|----|----|----|---------------------|
|                                        | No.                           | L. | B. | D. |                     |
| Name of work - Hanumanganj to Teliadih |                               |    |    |    |                     |
| Name of agency - Bachcha Singh         |                               |    |    |    |                     |
| Agreement no - 86 MBD / 2020-2021      |                               |    |    |    |                     |
| Date of start of work -                |                               |    |    |    |                     |
| Date of completion -                   |                               |    |    |    |                     |
| <u>Measurement</u>                     |                               |    |    |    |                     |

Continuation

| Particulars                 | Details of actual measurement |    |    |       | Contents of area    |
|-----------------------------|-------------------------------|----|----|-------|---------------------|
|                             | No.                           | L. | B. | D.    |                     |
| 2. const. of WBmgl-II       |                               |    |    |       |                     |
| — do —                      |                               |    |    |       |                     |
| as per tech. specification  |                               |    |    |       |                     |
|                             | m                             | m  | m  |       | m <sup>3</sup>      |
| 9.42 x 2.07 x 0.075         |                               |    |    |       | 1.462               |
| 5.25 x 2.29 x 0.075         |                               |    |    |       | 0.907               |
| 8.68 x 3.24 x 0.075         |                               |    |    |       | 2.109               |
| 7.32 x 1.87 x 0.075         |                               |    |    |       | 1.027               |
| 6.49 x 2.07 x 0.075         |                               |    |    |       | 1.008               |
| 6.76 x 2.92 x 0.075         |                               |    |    |       | 1.480               |
| 4.33 x 2.92 x 0.075         |                               |    |    |       | 0.948               |
| 12.02 x 2.07 x 0.075        |                               |    |    |       | 1.866               |
| 10.66 x 2.84 x 0.075        |                               |    |    |       | 2.271               |
| 4.53 x 1.26 x 0.075         |                               |    |    |       | 0.428               |
| 4.33 x 2.52 x 0.075         |                               |    |    |       | 0.818               |
| 7.48 x 2.52 x 0.075         |                               |    |    |       | 1.414               |
| 5.79 x 1.66 x 0.075         |                               |    |    |       | 0.721               |
| 6.20 x 2.68 x 0.075         |                               |    |    |       | 1.246               |
| 10.66 x 2.60 x 0.075        |                               |    |    |       | 2.079               |
|                             |                               |    |    | Total | 19.784              |
|                             |                               |    |    |       | m <sup>3</sup>      |
| 3. clearing & grubbing road |                               |    |    |       |                     |
| Land — — —                  |                               |    |    |       |                     |
| 2 x 42 x 25 x 1.0           |                               |    |    |       | 2100                |
| 2 x 12 x 1.0                |                               |    |    |       | 24                  |
|                             |                               |    |    | Total | 2124 m <sup>2</sup> |
| 2124                        |                               |    |    |       |                     |
| 10000                       |                               |    |    |       |                     |
|                             |                               |    |    |       | 0.21 hect           |

Continuation

| Particulars                       | Details of actual measurement |       |    |        | Contents of area |
|-----------------------------------|-------------------------------|-------|----|--------|------------------|
|                                   | No.                           | L.    | B. | D.     |                  |
| 3.4. cont. of granular W.D.M.-III |                               |       |    |        |                  |
| do                                |                               |       |    |        |                  |
| as per tech. specification        |                               |       |    |        |                  |
| m                                 | m                             |       | m  |        | m <sup>3</sup>   |
| 11.92 x 2.02                      | x                             | 0.075 | =  | 1.806  |                  |
| 7.78 x 2.24                       | x                             | 0.075 | =  | 1.307  |                  |
| 11.18 x 3.19                      | x                             | 0.075 | =  | 2.675  |                  |
| 9.82 x 1.82                       | x                             | 0.075 | =  | 1.340  |                  |
| 8.99 x 2.02                       | x                             | 0.075 | =  | 1.362  |                  |
| 9.26 x 2.87                       | x                             | 0.075 | =  | 1.993  |                  |
| 6.83 x 2.87                       | x                             | 0.075 | =  | 1.470  |                  |
| 14.52 x 2.02                      | x                             | 0.075 | =  | 2.200  |                  |
| 13.16 x 2.79                      | x                             | 0.075 | =  | 2.754  |                  |
| 7.03 x 1.21                       | x                             | 0.075 | =  | 0.638  |                  |
| 6.83 x 2.47                       | x                             | 0.075 | =  | 1.265  |                  |
| 9.98 x 2.47                       | x                             | 0.075 | =  | 1.849  |                  |
| 8.29 x 1.61                       | x                             | 0.075 | =  | 1.001  |                  |
| 8.70 x 2.63                       | x                             | 0.075 | =  | 1.716  |                  |
| 13.16 x 2.55                      | x                             | 0.075 | =  | 2.517  |                  |
| 10.84 x 2.63                      | x                             | 0.075 | =  | 2.138  |                  |
| 16.19 x 1.82                      | x                             | 0.075 | =  | 2.210  |                  |
| 12.60 x 2.79                      | x                             | 0.075 | =  | 2.637  |                  |
|                                   |                               | Total | =  | 32.878 |                  |
|                                   |                               |       |    |        | m <sup>3</sup>   |
| 5. const. of subgrade and         |                               |       |    |        |                  |
| earthen shoulder                  |                               |       |    |        |                  |
| do                                |                               |       |    |        |                  |
| 2 x 4.12 x 2.5 x 0.7 x 0.3        | =                             | 4.41  |    |        |                  |
| 2 x 1.2 x 0.7 x 0.3               | =                             | 5.04  |    |        |                  |
| Total 446.04 m <sup>3</sup>       |                               |       |    |        |                  |

Continuation

| Particulars                                          | Details of actual measurement |    |    |    | Contents of area                       |
|------------------------------------------------------|-------------------------------|----|----|----|----------------------------------------|
|                                                      | No.                           | L. | B. | D. |                                        |
| ⑥ Prime coat                                         |                               |    |    |    |                                        |
| Providing and applying                               |                               |    |    |    |                                        |
| primer coat with                                     |                               |    |    |    |                                        |
| SS-1 - do -                                          |                               |    |    |    |                                        |
| Area used for prime                                  |                               |    |    |    |                                        |
| coat is same as                                      |                               |    |    |    |                                        |
| area used for WBM-III                                |                               |    |    |    |                                        |
| $\frac{1}{2} [P-③ \text{ item} - ④] =$               |                               |    |    |    | $32.878 \text{ m}^2$                   |
|                                                      |                               |    |    |    | $32.878 / 0.075 = 438.373 \text{ m}^2$ |
| ⑦ Tack coat                                          |                               |    |    |    |                                        |
| - - - do -                                           |                               |    |    |    |                                        |
| Area used for tack                                   |                               |    |    |    |                                        |
| coat is same as                                      |                               |    |    |    |                                        |
| area used for                                        |                               |    |    |    |                                        |
| prime coat P-④                                       |                               |    |    |    |                                        |
| item - ⑥ + $14 \times 3.75$                          |                               |    |    |    |                                        |
| $\frac{1}{2} [ = 438.37 + 52.5 =$                    |                               |    |    |    | $490.87 \text{ m}^2$                   |
|                                                      |                               |    |    |    | Limit to $490.35 \text{ m}^2$          |
| ⑧ Patch work over WBM                                |                               |    |    |    |                                        |
| using mss - do -                                     |                               |    |    |    |                                        |
| Area used for mss                                    |                               |    |    |    |                                        |
| is same as area used                                 |                               |    |    |    |                                        |
| for tack coat P-④                                    |                               |    |    |    |                                        |
| $\frac{1}{2} [ \text{item} - ⑦ = 490.35 \text{ m}^2$ |                               |    |    |    | $490.35 \text{ m}^2$                   |
|                                                      |                               |    |    |    |                                        |
| ⑨ Tack coat                                          |                               |    |    |    |                                        |
| Providing and applying                               |                               |    |    |    |                                        |
| tack coat with                                       |                               |    |    |    |                                        |
| bitumen emulsion                                     |                               |    |    |    |                                        |

Continuation

| Particulars       | Details of actual measurement |    |    |    | Contents of area       |
|-------------------|-------------------------------|----|----|----|------------------------|
|                   | No.                           | L. | B. | D. |                        |
| (RS-1) - - do - - |                               |    |    |    |                        |
| 10 x 25 x 3.8     |                               |    |    | =  | 950                    |
| 20 x 25 x 3.75    |                               |    |    | =  | 1875                   |
| 10 x 25 x 3.8     |                               |    |    | =  | 950                    |
| 15 x 3.65         |                               |    |    | =  | 54.75                  |
| 15 x 3.2          |                               |    |    | =  | 48                     |
| 16 x 3.3          |                               |    |    | =  | 52.8                   |
| 8 x 3.0           |                               |    |    | =  | 24                     |
| 8 x 3.5           |                               |    |    | =  | 28                     |
| Total             |                               |    |    |    | 3982.55 m <sup>2</sup> |
| Limit to          |                               |    |    |    | 3982.50 m <sup>2</sup> |

⑩ Providing and Laying  
SPBC - - do - -

Area used for

SPBC is same as

area used for tack

coat P- (5) item - (9)

$$\begin{aligned}
 &= 3982.50 \text{ m}^2 \\
 &\therefore \text{amt} = 3982.50 \times 0.025 = 99.56 \\
 &= 99.56 \text{ m}^3
 \end{aligned}$$

⑪ Planting of trees by the  
road side - - do - -

amt = 30 No.

⑫ Providing & fixing of  
typical masonry information  
sign board - - do - -

Continuation

Continuation

| Particulars                              | Details of actual measurement |    |    |      | Contents of area |
|------------------------------------------|-------------------------------|----|----|------|------------------|
|                                          | No.                           | L. | B. | D.   |                  |
| (4) constg wbm gr - 11                   |                               |    |    |      |                  |
| — do —                                   |                               |    |    |      |                  |
| ant = 32.878 m <sup>3</sup> P- (3)       |                               |    |    |      |                  |
| itm - (4) @ Rs 3897.43/m <sup>3</sup>    |                               |    |    |      |                  |
|                                          |                               |    |    | 2 Rs | 1281402          |
| (5) constg subgrade & earthen shoulder   |                               |    |    |      |                  |
| — do —                                   |                               |    |    |      |                  |
| ant = 446.04 m <sup>3</sup> P- (3)       |                               |    |    |      |                  |
| itm - (5) @ Rs 176.96                    |                               |    |    |      |                  |
|                                          |                               |    |    | 2 Rs | 78931            |
| (6) Prime coat                           |                               |    |    |      |                  |
| — do —                                   |                               |    |    |      |                  |
| ant = 32.878 m <sup>3</sup> P- (4)       |                               |    |    |      |                  |
| itm - (6) @ Rs 438.373                   |                               |    |    |      |                  |
| ant = 438.373 m <sup>2</sup> P- (4)      |                               |    |    |      |                  |
| itm - (6) @ Rs 41.59 = Rs                |                               |    |    |      | 18232            |
| (7) Tack coat                            |                               |    |    |      |                  |
| — do —                                   |                               |    |    |      |                  |
| ant = 490.35 m <sup>2</sup> P- (4)       |                               |    |    |      |                  |
| itm - (7) @ Rs 14.10 = Rs                |                               |    |    |      | 6914             |
| (8) Patch & work over wbm using mss - do |                               |    |    |      |                  |
| ant = 490.35 m <sup>2</sup> P- (4)       |                               |    |    |      |                  |
| itm - (8) @ Rs 230.41 = Rs               |                               |    |    |      | 112980           |
| (9) Tack coat                            |                               |    |    |      |                  |
| — do —                                   |                               |    |    |      |                  |
| ant = 3982.50 m <sup>2</sup> P- (5)      |                               |    |    |      |                  |
| itm - (9) @ Rs 12.26 = Rs                |                               |    |    |      | 48825            |

Continuation

| Particulars                                                                   | Details of actual measurement |    |    |                        | Contents of area |
|-------------------------------------------------------------------------------|-------------------------------|----|----|------------------------|------------------|
|                                                                               | No.                           | L. | B. | D.                     |                  |
| (10) Providing & laying<br>SDBC - - do - -                                    |                               |    |    |                        |                  |
| ent = 99.56 m <sup>3</sup> P- (5)                                             |                               |    |    |                        |                  |
| itm - (10) 11131.91 m <sup>3</sup>                                            |                               |    |    |                        |                  |
|                                                                               |                               |    |    | 2Rs                    | 1108293:         |
| (11) Planting of trees<br>by the road side<br>- - do - -                      |                               |    |    |                        |                  |
| ent = 30 No. P- (5)                                                           |                               |    |    |                        |                  |
| itm - (11) @ Rs 800.30                                                        |                               |    |    |                        |                  |
|                                                                               |                               |    |    | Rs                     | 24009=           |
| (12) Providing & fixing of<br>typical masonry<br>informative sign board<br>do |                               |    |    |                        |                  |
| ent = 1 No. P- (6)                                                            |                               |    |    |                        |                  |
| itm - (12) @ Rs 9369.20                                                       |                               |    |    |                        |                  |
|                                                                               |                               |    |    | 2Rs                    | 93692            |
|                                                                               |                               |    |    | Total Rs               | 1682497=         |
| Add GST-12% (+) Rs                                                            |                               |    |    |                        | 201899=          |
| Add Labour cum 1% (+) Rs                                                      |                               |    |    |                        | 16825=           |
|                                                                               |                               |    |    | Total Rs               | 1901221=         |
|                                                                               |                               |    |    | Total Rs               | 1901221=         |
| Grading<br>08/01/2022<br>JE                                                   |                               |    |    | RPSM<br>8-1-2022<br>AE | 10.1.22          |