

Charokham Ad to Tinarman  
Mys Shiva Enterprises (Sec)

**Schedule XLV-Form No. 134**

E. E. - R. W. D. (W)

**DIVISION**

CHAYAT

A. E. - R. W. D. (W)

**SUB-DIVISION**

FATEHPUR

**MEASUREMENT BOOK**

2175

# 1st on A/c Bill

1.

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. |                  |
| Name of Work:- Construction of Road from Chazokhari to Tinanawan under MMGSY(SC) Agency: M/s Shiva Enterprises At - Shahid Bhagat Singh Colony. |                               |    |    |    |                  |

Mustafabad,

P.S. - Rampur

Dist - Gaya

Agreement No - 86/MMGSY/SC/

2020-2021

Date of Commencement

30.12.2020

Date of Completion

29.09.2021

Date of measurement

(2) Construction of

Benchmark &

Reference Pillar -

(1) Construction of

Continuation



# 2nd & final Bill

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| Particulars                                                        | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                    | No.                           | L. | B. | D. |                  |
| Name of work: - Construction of Road from Charoklase to Pichanwan. |                               |    |    |    |                  |
| Order number: -                                                    |                               |    |    |    |                  |
| Agency: M/S Shiva Enterprises                                      |                               |    |    |    |                  |
| At: Sahid Bhagat Singh Colony, Mustafabad                          |                               |    |    |    |                  |
| P.S - Rampur                                                       |                               |    |    |    |                  |
| Dist - Gaya                                                        |                               |    |    |    |                  |
| Agreement no - 86/MH/GSY/SC/S&D                                    |                               |    |    |    |                  |
| 2020-2021                                                          |                               |    |    |    |                  |

Date of Commencement  
30.12.2020

Date of Completion  
29.09.2021

Date of measurement,

Up to date measurement

(1) Construction of  
Subgrade & E/shoulder

$$10 \times 30.0 \times 7.90 \times 0.300 = 711.0 \text{ m}^3$$

$$10 \times 30.0 \times \frac{7.85 + 7.75}{2} \times 0.300 = 711.0 \text{ m}^3$$

$$7 \times 30.0 \times \frac{7.85 + 7.75}{2} \times 0.300 = 497.70 \text{ m}^3$$

$$1 \times 15.0 \times \frac{7.85 + 7.75}{2} \times 0.300 = 35.55 \text{ m}^3$$

$$1 \times 20.0 \times \frac{7.85 + 7.75}{2} \times 0.300 = 47.40 \text{ m}^3$$

Continued = 2002.65 m<sup>3</sup>

| Particulars         | Details of actual measurement |                            |    |                | Contents of area       |
|---------------------|-------------------------------|----------------------------|----|----------------|------------------------|
|                     | No.                           | L.                         | B. | D.             |                        |
| (2) Construction of |                               |                            |    |                |                        |
| granular sub        |                               |                            |    |                |                        |
| base by well        |                               |                            |    |                |                        |
| graded material of  |                               |                            |    |                |                        |
| Gr-I do do          |                               |                            |    |                |                        |
| 1x                  | 10.0                          | $\frac{9.10+4.10}{2}$      |    | $\times 0.200$ | $= 13.20 \text{ m}^3$  |
| 1x                  | 10.0                          | $\frac{4.10+4.05}{2}$      |    | $\times 0.200$ | $= 8.15 \text{ m}^3$   |
| 8x                  | 30.0                          | $\times 4.05$              |    | $\times 0.200$ | $= 194.40 \text{ m}^3$ |
| 7x                  | 30.0                          | $\times 4.05$              |    | $\times 0.200$ | $= 170.10 \text{ m}^3$ |
| 1x                  | 20.0                          | $\frac{4.05+5.0+4.05}{3}$  |    | $\times 0.200$ | $= 17.60 \text{ m}^3$  |
| 10x                 | 30.0                          | $\times 4.05$              |    | $\times 0.200$ | $= 243.00 \text{ m}^3$ |
| 1x                  | 12.0                          | $\frac{4.05+5.10+4.05}{3}$ |    | $\times 0.200$ | $= 10.56 \text{ m}^3$  |

|         |      |               |  |                |                       |
|---------|------|---------------|--|----------------|-----------------------|
| 1x      | 30.0 | $\times 4.05$ |  | $\times 0.200$ | $= 24.30 \text{ m}^3$ |
| 1x      | 13x  | $4.05$        |  | $\times 0.200$ | $= 10.53 \text{ m}^3$ |
| Total = |      |               |  |                | $691.84 \text{ m}^3$  |

|                        |      |                            |  |                |                       |
|------------------------|------|----------------------------|--|----------------|-----------------------|
| (3) Providing, laying, |      |                            |  |                |                       |
| spreading and          |      |                            |  |                |                       |
| compacting work        |      |                            |  |                |                       |
| Gr-II do do            |      |                            |  |                |                       |
| 1x                     | 10.0 | $\frac{9.0+4.0}{2}$        |  | $\times 0.075$ | $= 4.87 \text{ m}^3$  |
| 1x                     | 10.0 | $\frac{4.0+3.75}{2}$       |  | $\times 0.075$ | $= 2.91 \text{ m}^3$  |
| 8x                     | 30.0 | $\times 3.75$              |  | $\times 0.075$ | $= 67.50 \text{ m}^3$ |
| 7x                     | 30.0 | $\times 3.75$              |  | $\times 0.075$ | $= 59.06 \text{ m}^3$ |
| 1x                     | 20.0 | $\frac{3.75+4.90+3.75}{3}$ |  | $\times 0.075$ | $= 6.19 \text{ m}^3$  |

| Particulars                                                   | Details of actual measurement |                            |    |                                     | Contents of area      |
|---------------------------------------------------------------|-------------------------------|----------------------------|----|-------------------------------------|-----------------------|
|                                                               | No.                           | L.                         | B. | D.                                  |                       |
| (2) Construction of granular sub base by well graded material |                               |                            |    |                                     |                       |
| Gr-I do do                                                    |                               |                            |    |                                     |                       |
| 1x                                                            | 10.00                         | $\frac{9.10+4.10}{2}$      |    | $\times 0.200 = 13.20 \text{ m}^3$  |                       |
| 1x                                                            | 10.00                         | $\frac{4.10+4.05}{2}$      |    | $\times 0.200 = 8.15 \text{ m}^3$   |                       |
| 8x                                                            | 30.00                         | 4.05                       |    | $\times 0.200 = 194.40 \text{ m}^3$ |                       |
| 7x                                                            | 30.00                         | 4.55                       |    | $\times 0.200 = 170.10 \text{ m}^3$ |                       |
| 1x                                                            | 20.00                         | $\frac{4.05+5.04+4.05}{3}$ |    | $\times 0.200 = 17.60 \text{ m}^3$  |                       |
| 10x                                                           | 30.00                         | 4.05                       |    | $\times 0.200 = 243.00 \text{ m}^3$ |                       |
| 1x                                                            | 12.00                         | $\frac{4.05+5.10+4.05}{3}$ |    | $\times 0.250 = 10.56 \text{ m}^3$  |                       |
| 1x                                                            | 30.00                         | 4.05                       |    | $\times 0.200 = 24.30 \text{ m}^3$  |                       |
| 1x                                                            | 13x                           | 4.05                       |    | $\times 0.200 = 10.53 \text{ m}^3$  |                       |
| Total =                                                       |                               |                            |    |                                     | 691.84 m <sup>3</sup> |
| (3) Binding, laying, spreading and compacting w.b.m           |                               |                            |    |                                     |                       |
| Gr-II do do                                                   |                               |                            |    |                                     |                       |
| 1x                                                            | 10.00                         | $\frac{9.0+4.0}{2}$        |    | $\times 0.075 = 4.87 \text{ m}^3$   |                       |
| 1x                                                            | 10.00                         | $\frac{4.0+3.75}{2}$       |    | $\times 0.075 = 2.91 \text{ m}^3$   |                       |
| 8x                                                            | 30.00                         | 3.75                       |    | $\times 0.075 = 67.50 \text{ m}^3$  |                       |
| 7x                                                            | 30.00                         | 3.75                       |    | $\times 0.075 = 59.06 \text{ m}^3$  |                       |
| 1x                                                            | 20.00                         | $\frac{3.75+4.90+3.75}{3}$ |    | $\times 0.075 = 6.19 \text{ m}^3$   |                       |



# ABSTRACT OF COST

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| Particulars                                                   | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                               | No.                           | L. | B. | D. |                  |
| ①/2 Construction of Reference & working Benchmark<br>do do do |                               |    |    |    |                  |
| 0.815 Km Qty mms Rgl                                          |                               |    |    |    |                  |
| (12)/2                                                        |                               |    |    |    |                  |
| @ ₹ 3716.63/Km                                                |                               |    |    |    | ₹ 3029=00        |
| ②/2 Construction of Reference Pillar/ Bureas do do            |                               |    |    |    |                  |
| 0.815 Km Qty mms Rgl                                          |                               |    |    |    |                  |
| (12)/2                                                        |                               |    |    |    |                  |
| @ ₹ 1687.21/Km                                                |                               |    |    |    | ₹ 1375=00        |
| ③/4 Construction of Subbankment lead up to 1000M<br>do do     |                               |    |    |    |                  |
| 861.339 mms Qty mms Rgl                                       |                               |    |    |    |                  |
| (23)/150                                                      |                               |    |    |    |                  |
| @ 192.03/m                                                    |                               |    |    |    | ₹ 165403=00      |
| ④/5 Construction of Subbankment lead up to 100M<br>do do      |                               |    |    |    |                  |
| 2011.061 mms Qty mms Rgl                                      |                               |    |    |    |                  |
| (23)/100                                                      |                               |    |    |    |                  |
| @ ₹ 154.58/m                                                  |                               |    |    |    | ₹ 310901=00      |

Continuation

| Particulars                                           | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                       | No.                           | L. | B. | D. |                  |
| (5)/3 Clearing and grubbing road                      |                               |    |    |    |                  |
| land <del>do do</del>                                 |                               |    |    |    |                  |
| 0.570 Hec Qty mms                                     |                               |    |    |    |                  |
| 198 (11)/3                                            |                               |    |    |    |                  |
| @ F 52998.20/Hec F 30209.20                           |                               |    |    |    |                  |
| (6)/6 Construction of Subgrade for E/Show             |                               |    |    |    |                  |
| land <del>do do</del>                                 |                               |    |    |    |                  |
| 2002.65 m <sup>3</sup> Qty mms                        |                               |    |    |    |                  |
| 197/1                                                 |                               |    |    |    |                  |
| + 627.96 m <sup>3</sup> " " "                         |                               |    |    |    |                  |
| 202/1                                                 |                               |    |    |    |                  |
| 2630.61 m <sup>3</sup>                                |                               |    |    |    |                  |
| Limit - 2611.88 m <sup>3</sup>                        |                               |    |    |    |                  |
| @ F 176.64/m <sup>3</sup> F 461362.00                 |                               |    |    |    |                  |
| (7)/7 Construction of Granular Sub base               |                               |    |    |    |                  |
| by well graded material for 1 do                      |                               |    |    |    |                  |
| 691.84 m <sup>3</sup> Qty mms                         |                               |    |    |    |                  |
| 202/1                                                 |                               |    |    |    |                  |
| Limit - 663.28 m <sup>3</sup>                         |                               |    |    |    |                  |
| @ F 1932.26/m <sup>3</sup> F 1281629.00               |                               |    |    |    |                  |
| (8)/8 Binding, laying spreading and Compaction of WBM |                               |    |    |    |                  |
| Gr III <del>do do</del>                               |                               |    |    |    |                  |

| Particulars                             | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------|-------------------------------|----|----|----|------------------|
|                                         | No.                           | L. | B. | D. |                  |
| open foundation do                      |                               |    |    |    |                  |
| 38.47 m <sup>3</sup> 8ty TMB Page (13)  |                               |    |    |    |                  |
| @ ₹ 4395.25/m <sup>3</sup>              |                               |    |    |    | ₹ 169085=        |
| (22)/25 Plv PCC M20 in                  |                               |    |    |    |                  |
| open foundation do                      |                               |    |    |    |                  |
| 198.47 m <sup>3</sup> 8ty TMB Page (14) |                               |    |    |    |                  |
| @ ₹ 4873.57/m <sup>3</sup>              |                               |    |    |    | ₹ 967245=        |
| (23)/26 Plv PCC M20 in                  |                               |    |    |    |                  |
| Sub Structure do                        |                               |    |    |    |                  |
| 171.80 m <sup>3</sup> 8ty TMB Page (14) |                               |    |    |    |                  |
| @ ₹ 5092.51/m <sup>3</sup>              |                               |    |    |    | ₹ 875074=        |
| (24)/27 Plv RCC M20                     |                               |    |    |    |                  |
| in Sub Structure                        |                               |    |    |    |                  |
| 14.40 m <sup>3</sup> 8ty TMB Page (14)  |                               |    |    |    |                  |
| @ ₹ 5365.22/m <sup>3</sup>              |                               |    |    |    | ₹ 77259=00       |
| (25)/28 Plv RCC M25 in                  |                               |    |    |    |                  |
| Super Structure do                      |                               |    |    |    |                  |
| 18.15 m <sup>3</sup> 8ty TMB Page (15)  |                               |    |    |    |                  |
| @ ₹ 6149.54/m <sup>3</sup>              |                               |    |    |    | ₹ 111553=00      |
| (26)/29 Supplying / Fitting /           |                               |    |    |    |                  |
| and placing 4y sd                       |                               |    |    |    |                  |
| bar in Super                            |                               |    |    |    |                  |



| Particulars                              | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------|-------------------------------|----|----|----|------------------|
|                                          | No.                           | L. | B. | D. |                  |
| Structure do do                          |                               |    |    |    |                  |
| 2.291 M & ty mms Page (15)               |                               |    |    |    |                  |
| @ ₹ 55375.07/M                           |                               |    |    |    | ₹ 126864=00      |
| (27)/30 Back filling behind              |                               |    |    |    |                  |
| Abutment R/wall do                       |                               |    |    |    |                  |
| 130.57 M <sup>3</sup> & ty mms Page (15) |                               |    |    |    |                  |
| @ ₹ 804.98/m <sup>3</sup>                |                               |    |    |    | ₹ 105106=00      |
| (28)/31 Providing weep                   |                               |    |    |    |                  |
| holes do do                              |                               |    |    |    |                  |
| 108.0 M & ty mms Page (15)               |                               |    |    |    |                  |
| @ ₹ 117.89/M                             |                               |    |    |    | ₹ 12732=00       |
| (29)/32 Drainage spouts do               |                               |    |    |    |                  |
| 2.0 M & ty mms Page (15)                 |                               |    |    |    |                  |
| @ ₹ 806.38/M                             |                               |    |    |    | ₹ 1613=00        |
| (30)/34 P/V laying Rce                   |                               |    |    |    |                  |
| Pipe NP3 1000mm                          |                               |    |    |    |                  |
| 7.50 M & ty mms Page (16)                |                               |    |    |    |                  |
| @ ₹ 3799.78/M                            |                               |    |    |    | ₹ 28498=00       |
| (31)/35 laying cement concrete           |                               |    |    |    |                  |
| NP3 pipe 300mm                           |                               |    |    |    |                  |
| 40.0 M & ty mms Page (16)                |                               |    |    |    |                  |
| @ ₹ 745.38/M                             |                               |    |    |    | ₹ 29815=00       |

[illegible]