

Tekani Kortha Road to Thilamit (Package No - 05)

## Schedule XLV-Form No. 134

TIRAPUR  
DIVISION

F. E. R. W. D

SUB-DIVISION

A. E. R. W. D

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1115

# MEASUREMENT BOOK

## 1st and final 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 -          | Tikari kurtha road             |    |    |    |                  |
|                         | to Jhilmil                     |    |    |    |                  |
| Agency -                | M/s Magadh construction works. |    |    |    |                  |
| Agreement no -          | 11/MBD/mmc/suy/2024-25         |    |    |    |                  |
| Date of start of work - | 03/10/24                       |    |    |    |                  |
| Date of completion -    | 02/07/25                       |    |    |    |                  |
| <u>Measurement</u>      |                                |    |    |    |                  |

|                                          |                  |                     |   |       |           |
|------------------------------------------|------------------|---------------------|---|-------|-----------|
| 1. Setting out pillars                   |                  |                     |   |       |           |
| do                                       |                  |                     |   |       |           |
| Providing & fixing of working bench mark |                  |                     |   |       |           |
| pillars - do -                           |                  |                     |   |       |           |
|                                          |                  |                     |   | ent = | 3 Km      |
| ② clearing & grubbing road               |                  |                     |   |       |           |
| land - do -                              |                  |                     |   |       |           |
|                                          | 2 X 3480 X 4.0 = | 27840               |   |       |           |
|                                          | =                | 27840               | = | 2.784 |           |
|                                          |                  | 10000               |   | ent = | 2.784     |
|                                          |                  |                     |   |       | 2.78 hect |
| ③ Scarifying existing bituminous surface |                  |                     |   |       |           |
| do                                       |                  |                     |   |       |           |
|                                          | 84 X 25 X 3.75 = | 7875 m <sup>2</sup> |   |       |           |

Continuation  
Limit to 7830 m<sup>2</sup>

# Abstract of cost

8

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

1. Setting out pillars

ent = 3.0 Km

P- (1) item - (1)

@ Rs 12,214.812 Rs 366442

(2) clearing & grubbing

road land - do -

ent = 2.784 hect P- (1)

item - (2) @ Rs 76926.08

= Rs 214162

(3) Scarifying & Exhaling

Bituminous surface

ent = 7830 m<sup>2</sup> P- (1)

item - (3) @ Rs 20.61

Rs 161345

(4) const. of embankment

with material obtained from borrow pits

(i) For 100 m lead

ent = 1985.65 m<sup>3</sup> P- (2)

item - 4 (i) @ Rs 261.185

= Rs 518620

(ii) For 100 m lead

ent = 1323.76 m<sup>3</sup> P- (2)

item - 4 (ii) @ Rs 173.512

Rs 229688

Rs 229688

C/o Rs 1160459

## Abstract of cost

8

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| Particulars                                                     | Details of actual measure |    |    |    | Contents of area |
|-----------------------------------------------------------------|---------------------------|----|----|----|------------------|
|                                                                 | No.                       | L. | B. | D. |                  |
| 1. Setting out pillars                                          |                           |    |    |    |                  |
| do                                                              |                           |    |    |    |                  |
| ent = 3.0 Km                                                    |                           |    |    |    |                  |
| P- (1) item - (1)                                               |                           |    |    |    |                  |
| @ Rs 12 214.812                                                 |                           |    |    |    | Rs 36644=        |
| 2. clearing & grubbing                                          |                           |    |    |    |                  |
| road land - do -                                                |                           |    |    |    |                  |
| ent = 2.784 hect P-(1)                                          |                           |    |    |    |                  |
| item - (2) @ Rs 76 926.08                                       |                           |    |    |    |                  |
|                                                                 |                           |    |    |    | = Rs 214162=     |
| 3. Scarifying & Exhaling Bituminous surface                     |                           |    |    |    |                  |
| do                                                              |                           |    |    |    |                  |
| ent = 7830 m <sup>2</sup> P-(1)                                 |                           |    |    |    |                  |
| item - (3) @ Rs 20.61                                           |                           |    |    |    |                  |
|                                                                 |                           |    |    |    | Rs 161345=       |
| 4. const. of embankment with material obtained from borrow pits |                           |    |    |    |                  |
| do                                                              |                           |    |    |    |                  |
| (i) For 1000 m lead                                             |                           |    |    |    |                  |
| ent = 1985.65 m <sup>3</sup> P-(2)                              |                           |    |    |    |                  |
| item - 4 (i) @ Rs 261.185                                       |                           |    |    |    |                  |
|                                                                 |                           |    |    |    | = Rs 518620      |
| (ii) For 100 m lead                                             |                           |    |    |    |                  |
| ent = 1323.76 m <sup>3</sup> P-(2)                              |                           |    |    |    |                  |
| item - 4 (ii)                                                   |                           |    |    |    |                  |
| Continuation @ Rs 173.512=                                      |                           |    |    |    |                  |
| Rs 229688                                                       |                           |    |    |    |                  |
| Rs 229688                                                       |                           |    |    |    |                  |
| C/o Rs 1160459                                                  |                           |    |    |    |                  |

| Particulars                             | Details of actual measure |       |    |    | Contents of area |
|-----------------------------------------|---------------------------|-------|----|----|------------------|
|                                         | No.                       | L.    | B. | D. |                  |
| ⑤ const. of subgrade & earthen shoulder |                           |       |    |    |                  |
| do                                      |                           |       |    |    |                  |
| amt =                                   | 1957.50 m <sup>3</sup>    | P-(2) |    |    |                  |
| item - ⑤ @ Rs                           | 264.767                   |       |    |    |                  |
|                                         |                           |       |    | Rs | 518281           |
| ⑥ const. of granular subbase            |                           |       |    |    |                  |
| do                                      |                           |       |    |    |                  |
| amt =                                   | 261.0 m <sup>3</sup>      | P-(2) |    |    |                  |
| item - ⑥ @ Rs                           | 2274.681                  |       |    |    |                  |
|                                         |                           |       |    | Rs | 593692           |
| ⑦ W.B.M. - III                          |                           |       |    |    |                  |
| do                                      |                           |       |    |    |                  |
| amt =                                   | 1105.99 m <sup>3</sup>    | P-(3) |    |    |                  |
| item - ⑦ @ Rs                           | 3565.80                   |       |    |    |                  |
|                                         |                           |       |    | Rs | 3943739          |
| ⑧ Prime coat with (SS-1)                |                           |       |    |    |                  |
| do                                      |                           |       |    |    |                  |
| amt =                                   | 13050 m <sup>2</sup>      | P-(3) |    |    |                  |
| item - ⑧ @ Rs                           | 54.62                     |       |    |    |                  |
|                                         |                           |       |    | Rs | 712791           |
| ⑨ Tack coat with (RS-1)                 |                           |       |    |    |                  |
| do                                      |                           |       |    |    |                  |
| amt =                                   | 13180.50 m <sup>2</sup>   | P-(3) |    |    |                  |
| item - ⑨ @ Rs                           | 18.76                     |       |    |    |                  |
|                                         |                           |       |    | Rs | 247227           |

Continuation

C/o Rs 7176189

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| Particulars                                                               | Details of actual measure |    |    |    | Contents of area |
|---------------------------------------------------------------------------|---------------------------|----|----|----|------------------|
|                                                                           | No.                       | L. | B. | D. |                  |
| (10) Bituminous Macadam<br>Providing & laying<br>bituminous macadam<br>do |                           |    |    |    |                  |
| ant = 659.03 m <sup>3</sup> P-(4)                                         |                           |    |    |    |                  |
| item - (10) @ Rs 9619.752                                                 |                           |    |    |    |                  |
|                                                                           |                           |    |    |    | Rs 6339704       |
|                                                                           |                           |    |    |    | Rs 6339704       |
| (11) Tack coat with (RS-1)<br>do                                          |                           |    |    |    |                  |
| ant = 13180.50 m <sup>2</sup> P-(4)                                       |                           |    |    |    |                  |
| item - (11) @ Rs 15.702                                                   |                           |    |    |    |                  |
|                                                                           |                           |    |    |    | Rs 2069342       |
| (12) Semidense bituminous<br>concrete<br>do                               |                           |    |    |    |                  |
| ant = 329.510 m <sup>3</sup> P-(4)                                        |                           |    |    |    |                  |
| item - (12) @ Rs 11880.552                                                |                           |    |    |    |                  |
|                                                                           |                           |    |    |    | Rs 39147602      |
| (13) Kilometer stone<br>(i) ordinary kilometer<br>stone do                |                           |    |    |    |                  |
| ant = 5 No. P- (5)                                                        |                           |    |    |    |                  |
| item - 13(i)                                                              |                           |    |    |    |                  |
| @ Rs 2529.752                                                             |                           |    |    |    | Rs 126492        |
| (ii) 200 m stone<br>do                                                    |                           |    |    |    |                  |
| Continuation                                                              |                           |    |    |    |                  |
| ant = 14 No. P- (5)                                                       |                           |    |    |    |                  |
| item - 13(ii) @ Rs 739.352                                                |                           |    |    |    |                  |
|                                                                           |                           |    |    |    | Rs 103512        |
| C/o Rs 17660582                                                           |                           |    |    |    |                  |

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| Particulars                                                           | Details of actual measure |    |    |      | Contents of area |
|-----------------------------------------------------------------------|---------------------------|----|----|------|------------------|
|                                                                       | No.                       | L. | B. | D.   |                  |
| (14) Providing & fixing of typical mmsuy informatory sign board<br>do |                           |    |    |      |                  |
| amt = 4 No. P- (5)                                                    |                           |    |    |      |                  |
| item - (14) @ Rs 10554.10                                             |                           |    |    |      |                  |
|                                                                       |                           |    |    | = Rs | 42216 =          |
| (15) Boundary pillar<br>do                                            |                           |    |    |      |                  |
| amt = 48 No. P- (5)                                                   |                           |    |    |      |                  |
| item - (15) @ Rs 657.62                                               |                           |    |    |      |                  |
|                                                                       |                           |    |    | = Rs | 31566 =          |
| (16) Providing & fixing of retro-reflective cautionary do             |                           |    |    |      |                  |
| (i) 600mm equilateral triangle do                                     |                           |    |    |      |                  |
| amt = 12 No. P- (5)                                                   |                           |    |    |      |                  |
| item - 16 (i) @ Rs 3900.22                                            |                           |    |    |      |                  |
|                                                                       |                           |    |    | = Rs | 46803 =          |
| (ii) 600mm circular board do                                          |                           |    |    |      |                  |
| amt = 4 No. P- (5)                                                    |                           |    |    |      |                  |
| item - 16 (ii) @ Rs 5323.95                                           |                           |    |    |      |                  |
|                                                                       |                           |    |    | = Rs | 21296 =          |

Continuation

C/O Rs 1780246

| Particulars                                                                            | Details of actual measure |    |    |    | Contents of area  |
|----------------------------------------------------------------------------------------|---------------------------|----|----|----|-------------------|
|                                                                                        | No.                       | L. | B. | D. |                   |
| (iii) 600mm x 450mm<br>rectangular board<br>do                                         |                           |    |    |    |                   |
| ant = 4 No. P- (5)                                                                     |                           |    |    |    |                   |
| item - 16 (iii) @ Rs 5178.21                                                           |                           |    |    |    |                   |
|                                                                                        |                           |    |    |    | = Rs 20713        |
| iv) 900mm side octagon<br>do                                                           |                           |    |    |    |                   |
| ant = 2 No. P- (5)                                                                     |                           |    |    |    |                   |
| item - 16 (iv) @ Rs 9684.82                                                            |                           |    |    |    |                   |
|                                                                                        |                           |    |    |    | = Rs 19370 =      |
| (17) Providing and Laying<br>of hot applied <del>Therm</del><br>plastic compound<br>do |                           |    |    |    |                   |
| ant = 696m <sup>2</sup> P- (6)                                                         |                           |    |    |    |                   |
| item - (17) @ Rs 886.50                                                                |                           |    |    |    |                   |
|                                                                                        |                           |    |    |    | = Rs 617004 =     |
| (18) Brick masonry work<br>in cement mortar<br>do                                      |                           |    |    |    |                   |
| ant = 14.04 m <sup>3</sup> P- (6)                                                      |                           |    |    |    |                   |
| item - (18) @ Rs 6939.32 =                                                             |                           |    |    |    |                   |
|                                                                                        |                           |    |    |    | Rs 97428 =        |
| (19) Plastering with cement<br>mortar on brick<br>do                                   |                           |    |    |    |                   |
| Continuation                                                                           |                           |    |    |    |                   |
| ant = 117.12 m <sup>2</sup> P- (6)                                                     |                           |    |    |    |                   |
| item - (19) @ Rs 192.32 =                                                              |                           |    |    |    |                   |
|                                                                                        |                           |    |    |    | Rs 22525 =        |
|                                                                                        |                           |    |    |    | c/o Rs 18579508 = |

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| Particulars                                                           | Details of actual measure |    |    |    | Contents of area |
|-----------------------------------------------------------------------|---------------------------|----|----|----|------------------|
|                                                                       | No.                       | L. | B. | D. |                  |
| (20) Painting on parapet wall — do —                                  |                           |    |    |    |                  |
| ent = $\frac{117.12 \text{ m}^2}{70.20 \text{ m}^2}$ P- (6)(7)        |                           |    |    |    |                  |
| item - (20) @ Rs 139.16                                               |                           |    |    |    |                  |
|                                                                       |                           |    |    |    | = Rs 9769=       |
| (21) Planning of trees by the road side — do —                        |                           |    |    |    |                  |
| ent = 70 No. P- (7)                                                   |                           |    |    |    |                  |
| item - (21) @ Rs 1186.45=                                             |                           |    |    |    |                  |
|                                                                       |                           |    |    |    | Rs 83051=        |
| (22) Providing and laying of a reinforced cement concrete pipe — do — |                           |    |    |    |                  |
| ent = 82.50 Rm P- (7)                                                 |                           |    |    |    |                  |
| item - (22) @ Rs 1175.63=                                             |                           |    |    |    |                  |
|                                                                       |                           |    |    |    | Rs 96989=        |
| Total                                                                 |                           |    |    |    | Rs 18775846      |
| C/o Title                                                             |                           |    |    |    | Rs 18775846      |
| Add GST - 18% (4)                                                     |                           |    |    |    | Rs 3379652=      |
| Add Labourers 14% (10)                                                |                           |    |    |    | Rs 187758=       |
| Add Seigniorage fee (10)                                              |                           |    |    |    | Rs 331339=       |
| Total                                                                 |                           |    |    |    | Rs 22674595=     |

Continuation

4. मालिकाना अंश धन का वित्त

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| Particulars                            | Details of actual measurement |    |          |     | Contents of area, |
|----------------------------------------|-------------------------------|----|----------|-----|-------------------|
|                                        | No.                           | L. | B.       | D.  |                   |
|                                        |                               |    | B/F Rs   | 187 | 75846 =           |
|                                        |                               |    |          | /   |                   |
|                                        |                               |    | Total Rs | 187 | 75846 =           |
| Add Labour chs 1% (+) Rs               |                               |    |          | 18  | 7758 =            |
| Add seigniorage fee (+) Rs             |                               |    |          | 33  | 1339 =            |
|                                        |                               |    | Total Rs | 192 | 94943 =           |
| Add GST-18% (+) Rs                     |                               |    |          | 34  | 73090 =           |
|                                        |                               |    | Total Rs | 227 | 68033 =           |
| Less 15% below as per agreement (-) Rs |                               |    |          | 34  | 5205 =            |
|                                        |                               |    | Total Rs | 193 | 52828 =           |

Gsingh  
25/11/24  
JE

Bas  
25/11/24  
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Continuation

