

# Schedule XLV-Form No. 134

Chandragarh - Hissainbad -

New KIR Kaint Pollies

E.E. Road Work Chandragarh **DIVISION**

E.E. Nabingar. **SUB-DIVISION**

No-45601

**MEASUREMENT BOOK**

Agency - A Joy Engilum P.v.t.Ltd

| Sch. XLV-Form No. 134                                 |                           |    |    |    | Contents of area |
|-------------------------------------------------------|---------------------------|----|----|----|------------------|
| Particulars                                           | Details of actual measure |    |    |    |                  |
|                                                       | No.                       | L. | B. | D. |                  |
| <u>ABSTRACT OF COST</u>                               |                           |    |    |    |                  |
| (1) <u>cleaning &amp; grubbing Road</u>               |                           |    |    |    |                  |
| Land - - - - - AU                                     |                           |    |    |    |                  |
| Cft. wide Tm <sub>2</sub> P-2 = 1.21 Hec              |                           |    |    |    |                  |
| Q <sub>M</sub> = 62.32 = 43 / Hec = 75928 =           |                           |    |    |    |                  |
| (2) <u>Const of Subgrade &amp; Earthen</u>            |                           |    |    |    |                  |
| <u>Shoulder - - - - - AU</u>                          |                           |    |    |    |                  |
| Cft. wide Tm <sub>2</sub> P-10                        |                           |    |    |    |                  |
| = 2104.0 m <sup>3</sup>                               |                           |    |    |    |                  |
| Q <sub>M</sub> = 254.61 / m <sup>3</sup> H = 535699 = |                           |    |    |    |                  |

|                                                           |  |  |  |  |  |
|-----------------------------------------------------------|--|--|--|--|--|
| (3) <u>C.S.B. W-2 - Const.</u>                            |  |  |  |  |  |
| <u>of C.S.B. with well</u>                                |  |  |  |  |  |
| <u>graded material. - - - - - AU</u>                      |  |  |  |  |  |
| Cft. wide Tm <sub>3</sub> P-4 = 295.29 m <sup>3</sup>     |  |  |  |  |  |
| Q <sub>M</sub> = 2687.80 / m <sup>3</sup> H = 793694 =    |  |  |  |  |  |
| (4) <u>W.B.M. W-2 - Prov. &amp;</u>                       |  |  |  |  |  |
| <u>laying, spreading W.B.M.</u>                           |  |  |  |  |  |
| W-2 - - - - - AU                                          |  |  |  |  |  |
| Cft. wide Tm <sub>2</sub> P-7                             |  |  |  |  |  |
| = 248.037 m <sup>3</sup>                                  |  |  |  |  |  |
| Q <sub>M</sub> = 5529.77 / m <sup>3</sup> H = 1371588 =   |  |  |  |  |  |
| (5) <u>W.B.M. W-III - Prov. &amp; laying</u>              |  |  |  |  |  |
| <u>spreading, Rolling - -</u>                             |  |  |  |  |  |
| Cft. wide Tm <sub>2</sub> P-9 = 382.119 m <sup>3</sup>    |  |  |  |  |  |
| Q <sub>M</sub> = 5319.95 / m <sup>3</sup> H = 20,32,854 = |  |  |  |  |  |
| Continuation                                              |  |  |  |  |  |
| Q <sub>M</sub> = 4809,763 =                               |  |  |  |  |  |

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| Particulars                                                          | Details of actual measure |    |    |    | Contents of area        |
|----------------------------------------------------------------------|---------------------------|----|----|----|-------------------------|
|                                                                      | No.                       | L. | B. | D. |                         |
|                                                                      |                           |    |    |    | Bf. M = 48.09, 763 = 00 |
| (6) Prime coat:- Providing & applying Primer - S.D. All              |                           |    |    |    |                         |
| Qty. white Tms P-12 = 5096.25 m <sup>2</sup>                         |                           |    |    |    |                         |
| @ M = 63.60/m <sup>2</sup> = M = 3,24,122 = 0                        |                           |    |    |    |                         |
| (7) Tack coat:- Providing & applying Tack new type - S.D. All        |                           |    |    |    |                         |
| Qty. white Tms P-14 = 23179.50 m <sup>2</sup>                        |                           |    |    |    |                         |
| @ M = 21.21/m <sup>2</sup> = M = 503227 = 0                          |                           |    |    |    |                         |
| (8) Tack coat:- Providing & applying on the B.M.                     |                           |    |    |    |                         |
| Qty. white Tms P-16 = 23179.50 m <sup>2</sup>                        |                           |    |    |    |                         |
| @ M = 18.07/m <sup>2</sup> = M = 418854 = 0                          |                           |    |    |    |                         |
| (9) B.M. - Providing & laying, spreading, rolling Bituminous macadam |                           |    |    |    |                         |
| Qty. white Tms P-15 = 1158.935 m <sup>3</sup>                        |                           |    |    |    |                         |
| @ M = 11176.72/m <sup>3</sup> = M = 1,29,53,539 = 0                  |                           |    |    |    |                         |
| (10) S.D.B.C. Prov. & laying                                         |                           |    |    |    |                         |
| S.D.B.C. - S.D. All                                                  |                           |    |    |    |                         |
| Qty. white Tms P-17 = 579.4875 m <sup>3</sup>                        |                           |    |    |    |                         |
| @ M = 14430.40/m <sup>3</sup> = M = 83,62,236 = 0                    |                           |    |    |    |                         |
| Comp = 2,73,71,741 = 00                                              |                           |    |    |    |                         |

Continuation

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| Particulars                                      | Details of actual measure |    |    |    | Contents of area            |
|--------------------------------------------------|---------------------------|----|----|----|-----------------------------|
|                                                  | No.                       | L. | B. | D. |                             |
|                                                  |                           |    |    |    | $BA = H = 2,73,71,741 = 01$ |
| (11) 5H km Stone                                 |                           |    |    |    |                             |
| (11) $\phi 4$ wide TMB P-18 = 1.6110             |                           |    |    |    |                             |
| @MS = 5412.52 / each = H = 5420 = 0              |                           |    |    |    |                             |
| (12) km Stone                                    |                           |    |    |    |                             |
| (12) $\phi 4$ wide TMB P-18 = 7.0                |                           |    |    |    |                             |
| @MS = 2759.55 / each = H = 19312 = 00            |                           |    |    |    |                             |
| (13) 200 mtr Stone                               |                           |    |    |    |                             |
| (13) $\phi 4$ wide TMB P-18                      |                           |    |    |    |                             |
|                                                  |                           |    |    |    | = 24.0                      |
| @MS = 795.61 / each = H = 19,099 = 00            |                           |    |    |    |                             |
| (14) Direction of Placing                        |                           |    |    |    |                             |
| (14) Identification ---                          |                           |    |    |    |                             |
| $\phi 4$ wide TMB P-18                           |                           |    |    |    |                             |
|                                                  |                           |    |    |    | = 3.84 m <sup>2</sup>       |
| @MS = 14762.90 / m <sup>2</sup> = H = 56690 = 00 |                           |    |    |    |                             |
| (15) 600mm Equilateral Stone                     |                           |    |    |    |                             |
| (15) $\phi 4$ wide TMB P-18 = 26.0               |                           |    |    |    |                             |
| @MS = 4299.25 / each = H = 111,781 = 00          |                           |    |    |    |                             |
| (16) 600mm Circular                              |                           |    |    |    |                             |
| (16) $\phi 4$ wide TMB P-18 = 2.0 only           |                           |    |    |    |                             |
| @MS = 4235.0 / each = H = 8470 = 00              |                           |    |    |    |                             |
| (17) 600mm X 450mm Rectangular                   |                           |    |    |    |                             |
| (17) $\phi 4$ wide TMB P-18 = 2.0                |                           |    |    |    |                             |
| @MS = 4091.46 / each = H = 8183 = 00             |                           |    |    |    |                             |
| GM = 2,76,00,701                                 |                           |    |    |    |                             |

Continuation

| Particulars | Details of actual measure |                                     |    |    | Contents of area |
|-------------|---------------------------|-------------------------------------|----|----|------------------|
|             | No.                       | L.                                  | B. | D. |                  |
| 18          | 17                        | Qty = M = 2,76,00,701 = 00          |    |    |                  |
| 18          | 17                        | 500 mm wide octagonal               |    |    |                  |
| 18          | 17                        | Qty wide T.M.P. 18 = 2.0 No         |    |    |                  |
| 18          | 17                        | @ M = 8536.15/each = M = 17,072 =   |    |    |                  |
| 19          | 18                        | Boundary Pillar                     |    |    |                  |
| 19          | 18                        | Qty wide T.M.P. 18 = 215.0 No.      |    |    |                  |
| 19          | 18                        | @ M = 638.81/each = M = 1,37,344 =  |    |    |                  |
| 20          | 19                        | Planting of tree.                   |    |    |                  |
| 20          | 19                        | Qty wide T.M.P. 18 = 222.0 No       |    |    |                  |
| 20          | 19                        | @ M = 1062.66/each = M = 2,33,785 = |    |    |                  |
| 21          | 20                        | Providing & laying                  |    |    |                  |
| 21          | 20                        | Hot applied thermo                  |    |    |                  |

— Plus 4% — — — — — 41

Qty wide T.M.P. 19 = 1224.0 m<sup>2</sup>

@ M = 823.80/m<sup>2</sup> = M = 10,08,331 =

22 Pedestrian Crossing

21 Qty wide T.M.P. 19 = 12.0 m<sup>2</sup>

@ M = 823.80/m<sup>2</sup> = M = 9885.00

23 Providing & Fixing logs

22 of project — — — — — M

Qty wide T.M.P. 20 = 4.0 m<sup>2</sup>

@ M = 10106.67/each = M = 40427 =

24 Painting of parapet

23 wall — — — — — M

Qty wide T.M.P. 21 = 384.96 m<sup>2</sup>

@ M = 115.90/m<sup>2</sup> = M = 44,617 =

Continuation

COM = 2,90,92,162 = 00

Continuation

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|-----------------------------------------|---------------------------|----|----|----|------------------------|
|                                         | No.                       | L. | B. | D. |                        |
| <u>Materials statement.</u>             |                           |    |    |    |                        |
| ① Subgrade (Gm) =                       |                           |    |    |    | 2104.0 m <sup>3</sup>  |
| @ 35.01/m <sup>3</sup>                  |                           |    |    |    | → m = 73661 = 0        |
| ② Stone metals: -                       |                           |    |    |    | 975.09 m <sup>3</sup>  |
| @ <del>356.0</del> 356.0/m <sup>3</sup> |                           |    |    |    | → m = 863930 = 0       |
| ③ Stone chips in                        |                           |    |    |    | 2474.40 m <sup>3</sup> |
| @ 586.0/m <sup>3</sup>                  |                           |    |    |    | → m = 1449998 = 0      |
| ④ Stone dust :-                         |                           |    |    |    | 158.67 m <sup>3</sup>  |
| 424.21/m <sup>3</sup>                   |                           |    |    |    | → m = 67309 = 0        |
| ⑤ Primer Emulsion (SS-1) -              |                           |    |    |    | 4.33 mT                |
| ⑥ Emulsion (RS-1) -                     |                           |    |    |    | 12.284 mT              |
| ⑦ Bitumen (S-90) -                      |                           |    |    |    | 81.12 mT               |
| ⑧ Bitumen (S-65) -                      |                           |    |    |    | 69.53 mT               |
| Total =                                 |                           |    |    |    | 2454898.40             |
| 10% S.F.                                |                           |    |    |    | 2,45,489 = 0           |
| Round                                   |                           |    |    |    |                        |
| 2511.24                                 |                           |    |    |    |                        |
| 71%                                     |                           |    |    |    |                        |

Continuation