

Name of road — Pavani Bass Bigga Road road to  
Chodhary Khemala Muddu, Aacharya  
K.033

Schedule XLV-Form No. 134

10/SBD/23-24

M/S Ambay Const. Co. DIVISION

D. SUB-DIVISION  
K.033

Measurement Book

1346

1st on A/c

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 road:-                | Pavari Bazz                   |    |    |    |                  |
| Bigha RCD road to chandhary   |                               |    |    |    |                  |
| Khandra (M.M.Sy. Awasah, VDB) |                               |    |    |    |                  |
| Name of Agency:-              | M/S Ambay                     |    |    |    | Construction     |
| Agg. No:-                     | 10-SBD/23-24                  |    |    |    |                  |
| Package No:-                  | N.D.B - BARR 2-25-            |    |    |    | Masguri          |
| Date of start:-               | 15/12/2023                    |    |    |    |                  |
| Date of completion:-          | 14/12/2024                    |    |    |    |                  |

|                     |                 |  |  |  |
|---------------------|-----------------|--|--|--|
| Agg. Value - Contn  | ₹ 89,61,279 = w |  |  |  |
| Main -              | ₹ 7,03,012 = w  |  |  |  |
| Rate of agreement - | 0.11 % b/w      |  |  |  |

Record Measurement

① Setting out work complete with constn of Bench mark & reference Pillars  
0.800 km

② clearing & grubbing grass & removal of rubbish.  
24700 m x 3.00 = 4200 m  
i.e. 0.42 lakh.

④ Removal of unwanted  
bits with diagonal flip  
locking

5) Consist of embankment  
with deposited soil.

⑥ CD 1x1500 of BP-2Nd.  
btw in excavating for foundation of structure.

|            |       |          |                     |       |                     |
|------------|-------|----------|---------------------|-------|---------------------|
| H/Wale     | 2     | 6.45     | <del>1.6</del>      | 1.55  | 32.19m <sup>3</sup> |
| Below p/pa | 1     | 4.43     | 1.53                | 0.365 | 2.47m <sup>3</sup>  |
|            |       |          |                     |       | 34.66m <sup>3</sup> |
| Qty Box    | 2 Nos | cultural |                     |       |                     |
|            | ~     | 2x       | 34.66m <sup>3</sup> | 2     | 69.32m <sup>3</sup> |



| Particulars                                                                                                                                          | Details of actual measurement |                      |        |         | Contents of area     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------|--------|---------|----------------------|
|                                                                                                                                                      | No.                           | L.                   | B.     | D.      |                      |
|                                                                                                                                                      |                               |                      |        |         | 65.32 m <sup>3</sup> |
| for pipe duct<br>300 mm dia                                                                                                                          | 3                             | 6.00                 | 0.60   | 1.00    | 10.80                |
|                                                                                                                                                      |                               |                      |        |         | 80.12 m <sup>3</sup> |
|                                                                                                                                                      | ie                            | 80.12 m <sup>3</sup> |        |         |                      |
|                                                                                                                                                      |                               |                      |        |         |                      |
| ⑦ Pipe M-15 in fourth                                                                                                                                |                               |                      |        |         |                      |
| 1000 HP-<br>10 wall                                                                                                                                  | 2                             | 6.45                 | 1.61   | 0.20    | 4.15 m <sup>3</sup>  |
| Below pipe                                                                                                                                           | 1                             | 5.40                 | 1.53   | 0.25    | 2.07 m <sup>3</sup>  |
| Less for pipe                                                                                                                                        |                               |                      |        |         | 6.22 m <sup>3</sup>  |
| for 2 No. culvert                                                                                                                                    | 2                             | 2.22                 |        |         | 12.44 m <sup>3</sup> |
|                                                                                                                                                      | ie                            | 12.44 m <sup>3</sup> |        |         |                      |
|                                                                                                                                                      |                               |                      |        |         |                      |
| ⑧ Laying Type (B)                                                                                                                                    |                               |                      |        |         |                      |
| battering                                                                                                                                            |                               |                      |        |         |                      |
|                                                                                                                                                      |                               |                      |        |         |                      |
| for duct pipe                                                                                                                                        |                               |                      |        |         |                      |
|                                                                                                                                                      | 3                             | 10.00                | 0.60   | 0.25    | 4.50 m <sup>3</sup>  |
|                                                                                                                                                      | ie                            | 4.50 m <sup>3</sup>  |        |         |                      |
|                                                                                                                                                      |                               |                      |        |         |                      |
| ⑨ P/V & laying NP3 300<br>mm dia HP pipe                                                                                                             |                               |                      |        |         |                      |
|                                                                                                                                                      | 3                             | 10.00                | 2      | 30.00 m |                      |
|                                                                                                                                                      |                               |                      |        |         |                      |
| ⑩ P/V & laying 1000 mm<br>dia Hum. pipe                                                                                                              |                               |                      |        |         |                      |
|                                                                                                                                                      | 2                             | 3                    | 7.50 m | 15.00 m |                      |
|                                                                                                                                                      | ie                            | 15.00 m              |        |         |                      |
|                                                                                                                                                      |                               |                      |        |         |                      |
| <div style="display: flex; justify-content: space-between;"> <div> <p>20/12/23</p> <p>AB/SE</p> </div> <div> <p>20/12/23</p> <p>AE</p> </div> </div> |                               |                      |        |         |                      |

| Particulars                 | Details of actual measurement |                                              |               |      | Contents of area  |
|-----------------------------|-------------------------------|----------------------------------------------|---------------|------|-------------------|
|                             | No.                           | L.                                           | B.            | D.   |                   |
| (11) Pipe for 15m gdn trunk |                               |                                              |               |      |                   |
| Wt wall -                   | 2                             | 6.15                                         | (1.46 + 0.40) |      |                   |
|                             |                               |                                              |               | 2    | 3.182             |
| Pipe for                    | 2                             | 6.15                                         | 0.40          | 0.60 | 2.9511            |
| Wt for pipe                 | 2                             | $\frac{\pi}{4} \times (1.23)^2 \times 0.805$ |               |      | (C) 1.91          |
|                             |                               |                                              |               |      | 37.42 m           |
| Qty for 2 Nos cutback       |                               |                                              |               |      |                   |
| 2                           | 2                             | 37.42                                        |               |      |                   |
|                             |                               | 2                                            | 74.82 m       |      |                   |
|                             |                               |                                              |               |      |                   |
|                             |                               |                                              |               |      |                   |
| (12) Content of embankment  |                               |                                              |               |      |                   |
| Chamge                      | Arag                          | Mean Arag                                    | Dint          |      | Volume            |
| (m)                         | (m <sup>2</sup> )             | (m <sup>2</sup> )                            | (m)           |      | (m <sup>3</sup> ) |

|     |       |       |    |   |        |
|-----|-------|-------|----|---|--------|
| 0   | 1.216 |       |    |   |        |
| 50  | 0.603 | 0.910 | 50 | - | 44.475 |
| 100 | 0.455 | 0.529 | 50 | - | 26.450 |
| 150 | 0.384 | 0.720 | 50 | - | 35.975 |
| 200 | 0.959 | 0.972 | 50 | - | 48.575 |
| 250 | 0.939 | 0.974 | 50 | - | 48.700 |
| 300 | 0.937 | 0.963 | 50 | - | 48.150 |
| 350 | 1.077 | 1.007 | 50 | - | 50.350 |
| 400 | 0.847 | 0.962 | 50 | - | 48.100 |
| 450 | 1.025 | 0.936 | 50 | - | 46.800 |
| 500 | 1.006 | 1.016 | 50 | - | 50.775 |
| 550 | 0.942 | 0.974 | 50 | - | 48.700 |
| 600 | 1.001 | 0.972 | 50 | - | 48.575 |
| 650 | 1.450 | 1.246 | 50 | - | 62.275 |
| 700 | 1.393 | 1.412 | 50 | - | 72.075 |
| 740 | 1.298 | 1.346 | 50 | - | 53.820 |

Continuation

ie 734.80 m<sup>3</sup>734.795 m<sup>3</sup>

| Particulars                                                                                                                                                                           | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                                       | No.                           | L. | B. | D. |                  |
| (a) 100 m lead                                                                                                                                                                        |                               |    |    |    |                  |
| Qty. - 80% of 734.80 m                                                                                                                                                                |                               |    |    |    |                  |
| 2                                                                                                                                                                                     | 587.84 m                      |    |    |    |                  |
| (b) 1000 m lead                                                                                                                                                                       |                               |    |    |    |                  |
| 2                                                                                                                                                                                     | 20% of 734.80                 |    |    |    |                  |
| 2                                                                                                                                                                                     | 146.96 m                      |    |    |    |                  |
| <div style="display: flex; justify-content: space-around;"> <div> <u>30/12/2023</u><br/>           AE/SE         </div> <div> <u>30/12/23</u><br/>           AE         </div> </div> |                               |    |    |    |                  |

|                                                                                                                                                                                     |    |      |      |       |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|-------|---------------------------|
| (13) Construction of subgrade & casthane & shoulder                                                                                                                                 |    |      |      |       |                           |
| Subgrade -                                                                                                                                                                          | 10 | 30.0 | 7.70 | 0.300 | 693.20<br>87.65 m         |
|                                                                                                                                                                                     | 10 | 30.0 | 7.70 | 0.300 | 693.20<br>87.65 m         |
|                                                                                                                                                                                     | 3  | 30.0 | 7.70 | 0.300 | 207.90                    |
|                                                                                                                                                                                     | 1  | 10.0 | 7.70 | 0.300 | 23.10                     |
|                                                                                                                                                                                     |    |      |      |       | 1617.00                   |
|                                                                                                                                                                                     |    |      |      |       | ie 1617.00 m <sup>3</sup> |
| <div style="display: flex; justify-content: space-around;"> <div> <u>28/01/2024</u><br/>           AE/SE         </div> <div> <u>8/1/24</u><br/>           AE         </div> </div> |    |      |      |       |                           |



266

14/01/2024  
A-E/52

~~10/11/24~~  
14/11/24  
AE

① Setting out work commences with centre of Bench Mark & reference pillar.

ky vid-TPB/1 itan ①

|          |          |             |               |         |
|----------|----------|-------------|---------------|---------|
| 0.800 km | $\times$ | 17736.00/km | $\Rightarrow$ | 14189 = |
|----------|----------|-------------|---------------|---------|

② clearing grass & removal of rubbish.

|         |     |     |      |     |
|---------|-----|-----|------|-----|
| Obj n 2 | TMB | P/1 | ifam | (1) |
|---------|-----|-----|------|-----|

|              |          |       |        |
|--------------|----------|-------|--------|
| 0.421104 @ B | 19930.80 | 11.25 | 8371.2 |
|--------------|----------|-------|--------|

✓ 225602

| Particulars                                             | No. | L. | B. | D. | of area              |
|---------------------------------------------------------|-----|----|----|----|----------------------|
|                                                         |     |    |    |    | M 22560 <sup>2</sup> |
| ③ Excavation for road work                              |     |    |    |    |                      |
| Qty vide TMS P/2 item ③                                 |     |    |    |    |                      |
| 46.12 m <sup>3</sup> @ 103.96/m <sup>3</sup>            |     |    |    |    | 4795 <sup>2</sup>    |
| ④ Removal of unproductive soil with topsoil upto 1000 m |     |    |    |    |                      |
| Qty vide TMS P/2 item ④                                 |     |    |    |    |                      |
| 9.22 m <sup>3</sup> @ 103.96/m <sup>3</sup>             |     |    |    |    | 959 <sup>2</sup>     |
| ⑤ Constr of embankment with deposited soil              |     |    |    |    |                      |
| Qty vide TMS P/2 item ⑤                                 |     |    |    |    |                      |
| 36.90 m <sup>3</sup> @ 83.71/m <sup>3</sup>             |     |    |    |    | 3089 <sup>2</sup>    |
| ⑥ Constr of embankment do upto 1000 m leaf              |     |    |    |    |                      |
| Qty vide TMS P/5 item ⑫ ②                               |     |    |    |    |                      |
| 587.84 m <sup>3</sup> @ 217.07/m <sup>3</sup>           |     |    |    |    | 127602 <sup>2</sup>  |
| ⑦ Constr of embankment do upto 1000 m leaf              |     |    |    |    |                      |
| Qty vide TMS P/5 item ⑫ ⑥                               |     |    |    |    |                      |
| 146.96 m <sup>3</sup> @ 267.79/m <sup>3</sup>           |     |    |    |    | 39354 <sup>2</sup>   |
|                                                         |     |    |    |    |                      |
|                                                         |     |    |    |    |                      |
|                                                         |     |    |    |    |                      |

Continuation

M 198359<sup>2</sup>



| Particulars                                    | Details of actual measurement |    |    |                          | Contents of area B/f |
|------------------------------------------------|-------------------------------|----|----|--------------------------|----------------------|
|                                                | No.                           | L. | B. | D.                       |                      |
|                                                |                               |    |    | 19                       | 1983532              |
| ⑧ Contn of embankment                          |                               |    |    |                          |                      |
| do upto 1000 m 12a/f                           |                               |    |    |                          |                      |
| Qty vide TMB P/5 item ⑬                        |                               |    |    |                          | 1617.00              |
| ~ ~ P/6 item ⑬                                 |                               |    |    |                          | 318.00               |
|                                                |                               |    |    | 1935.00                  |                      |
|                                                |                               |    |    | m <sup>3</sup>           |                      |
|                                                |                               |    |    | CB 438.03/m <sup>3</sup> | 8475882              |
| ⑨ Contn of 430 Lx I                            |                               |    |    |                          |                      |
| Qty vide TMB P/6 item ⑭                        |                               |    |    |                          |                      |
| 486.00 m <sup>3</sup> @ 2783.93/m <sup>3</sup> |                               |    |    |                          | 13530192             |
| ⑩ Excavation for structure                     |                               |    |    |                          |                      |

|                                               |  |  |  |  |                      |
|-----------------------------------------------|--|--|--|--|----------------------|
| Qty vide TMB P/3 item ⑥                       |  |  |  |  | 80.12 m <sup>3</sup> |
| CB 398.02/m <sup>3</sup>                      |  |  |  |  | 319372               |
| ⑪ PIV P.A.M-15 (1:2.5:5)                      |  |  |  |  |                      |
| 31 m for structure                            |  |  |  |  |                      |
| Qty vide TMB P/3 item ⑦                       |  |  |  |  |                      |
| 12.44 m <sup>3</sup> @ 6355.02/m <sup>3</sup> |  |  |  |  | 790562               |
| ⑫ PIV T.P. B' bearing                         |  |  |  |  |                      |
| 32                                            |  |  |  |  |                      |
| Qty vide TMB P/3 item ⑧                       |  |  |  |  |                      |
| 4.50 m @ 575.25/m                             |  |  |  |  | 25892                |
| ⑬ PIV P.B. 3000 dia pipe                      |  |  |  |  |                      |
| 33                                            |  |  |  |  |                      |
| Qty vide TMB P/3 item ⑨                       |  |  |  |  |                      |
| 30.00                                         |  |  |  |  |                      |
| 15.00 m @ 845.81                              |  |  |  |  | 283742               |
| CB 803349/m                                   |  |  |  |  | 121492               |

Continuation

126340402  
25409222

[illegible]

Continuation