

MMGSY, Loes to Madaniya

Ag.No:- 4198D/2020-21 (Ag.val. 68.24089 Lakh)

SC

Schedule XLV-Form No. 134

O.O/I.

Sherghati

DIVISION

Mohambur

SUB-DIVISION

Agency :- M/s Baiyang Constn.

# MEASUREMENT BOOK

MB n-1183

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 measurement relating to each work)

| Particulars                                                                                                       | Details of actual measurement                                                |    |    |    | Contents of area |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----|----|----|------------------|
|                                                                                                                   | No.                                                                          | L. | B. | D. |                  |
| <u>Est on Alcabell</u>                                                                                            |                                                                              |    |    |    |                  |
| Name of work:-                                                                                                    | Construction of road from 2065 to Madaniya under minor scheme.               |    |    |    |                  |
| Name of Agency:-                                                                                                  | M/S Bala Rang Construction                                                   |    |    |    |                  |
| Ag No -                                                                                                           | 41SBD/2020-21                                                                |    |    |    |                  |
| Ag value -                                                                                                        | 68.24089 lakh @ 0.01.                                                        |    |    |    |                  |
| Date of Work Start:-                                                                                              | 30/6/2020                                                                    |    |    |    |                  |
| Date of Completion:-                                                                                              | <del>29/6/20</del> 29/3/21                                                   |    |    |    |                  |
| Date of measurement:-                                                                                             |                                                                              |    |    |    |                  |
| 1. E/W in excav of found of structures as per drawing and technical spc. for <del>1000</del> 1000MM dia H.P.c-1N6 |                                                                              |    |    |    |                  |
| E/W:-                                                                                                             | $2 \times 6.30 \times 1.4 \times 1.5 = 26.46 m^3$                            |    |    |    |                  |
| Pepe portion:-                                                                                                    | $1 \times 5.9 \times 1.5 \times 0.30 = 2.66 m^3$                             |    |    |    |                  |
| for 2m x 2m R.c.c. Culvert:-                                                                                      |                                                                              |    |    |    |                  |
| Abut:-                                                                                                            | $2 \times 7.6 \times 2.3 \times 1.60 = 55.94 m^3$                            |    |    |    |                  |
| R/W:-                                                                                                             | $4 \times 1.6 \times 2.097 \times 1.60 = 21.97 m^3$<br>107.03 m <sup>3</sup> |    |    |    |                  |
| 2. Providing plain concrete                                                                                       |                                                                              |    |    |    |                  |

Continuation

| Particulars                                                         | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                     | No.                           | L. | B. | D. |                  |
| <u>ABSTRACT OF COST</u>                                             |                               |    |    |    |                  |
| ① Construction of B.M. under Refe - (18)                            |                               |    |    |    |                  |
| 0.750 km @ 4687.39/m R. 3516 =                                      |                               |    |    |    |                  |
| ② Construction of pillar under Refe - (18)                          |                               |    |    |    |                  |
| 0.750 km @ 3001.62/m R. 2251 =                                      |                               |    |    |    |                  |
| ③ Clearing and grubbing Road Land under Refe - (18), 0.5250 Hectare |                               |    |    |    |                  |
| @ R. 49530.51/Hectare 26251 =                                       |                               |    |    |    |                  |
| ④ Construction of embankment - 1000 m. wide                         |                               |    |    |    |                  |
| Refe - (23) - 419.08 m                                              |                               |    |    |    |                  |
| @ R. 175.22/m R. 73440 =                                            |                               |    |    |    |                  |
| ⑤ Construction of embankment with Leads - 100 m.                    |                               |    |    |    |                  |
| under Refe - (16) - 862.13 m                                        |                               |    |    |    |                  |
| under Refe - (24) - 171.85 m                                        |                               |    |    |    |                  |
| 1033.98 m                                                           |                               |    |    |    |                  |
| Limit - 977.98 m                                                    |                               |    |    |    |                  |
| @ R. 139.79/m R. 136711 =                                           |                               |    |    |    |                  |
| ⑥ Construction of Subgrade and earthen shoulder                     |                               |    |    |    |                  |
| under Refe - (15) - 1750.138 m                                      |                               |    |    |    |                  |
| under Refe - (24) - 56.87 m                                         |                               |    |    |    |                  |
| 1807.01 m                                                           |                               |    |    |    |                  |
| Limit - 1708.75 m                                                   |                               |    |    |    |                  |
| @ R. 192.93/m R. 329571 =                                           |                               |    |    |    |                  |
| C. 021.599740 =                                                     |                               |    |    |    |                  |

| Particulars                                         | Details of actual measurement |    |          |                       | Contents of area |
|-----------------------------------------------------|-------------------------------|----|----------|-----------------------|------------------|
|                                                     | No.                           | L. | B.       | D.                    |                  |
|                                                     |                               |    | 13/12/21 |                       | 599740           |
| (b) Construction of G.S.B.                          |                               |    |          |                       |                  |
| vide page - (15) - 572.25                           |                               |    |          |                       |                  |
| vide page - (24) - 3.24 m                           |                               |    |          |                       |                  |
| Area - 573.07 m <sup>2</sup>                        |                               |    |          | 575.49 m <sup>2</sup> |                  |
| @ R. - 1992.82/m <sup>2</sup> R.                    |                               |    |          |                       | 1142025          |
| (c) Primary laying of concrete                      |                               |    |          |                       |                  |
| and compacting stone                                |                               |    |          |                       |                  |
| metals grade - III road                             |                               |    |          |                       |                  |
| vide page - (17) - 209.78 m                         |                               |    |          |                       |                  |
| vide page - (24) - 1.13 m                           |                               |    |          |                       |                  |
|                                                     |                               |    |          | 210.91 m <sup>2</sup> |                  |
| @ R. - 3008.79/m <sup>2</sup> R.                    |                               |    |          |                       | 634584           |
| <del>(d) Primary concrete</del>                     |                               |    |          |                       |                  |
| <del>(e) G.S.B.</del>                               |                               |    |          |                       |                  |
| (f) EPW in excavation                               |                               |    |          |                       |                  |
| found: vide page - (16)                             |                               |    |          |                       |                  |
| 107.13 m <sup>2</sup> @ R. 294.73/m <sup>2</sup> R. |                               |    |          |                       | 31545            |
| (g) Primary plain concrete                          |                               |    |          |                       |                  |
| crete in open found:                                |                               |    |          |                       |                  |
| vide page - (9) - 12.32 m                           |                               |    |          |                       |                  |
| @ R. 4524.95/m <sup>2</sup> R.                      |                               |    |          |                       | 55748            |
| (10) Primary plain concrete                         |                               |    |          |                       |                  |
| Open found: vide page                               |                               |    |          |                       |                  |
| - (19) - 67.90 m <sup>2</sup>                       |                               |    |          |                       |                  |
| @ R. 4769.59/m <sup>2</sup> R.                      |                               |    |          |                       | 321470           |
| (11) Plain concrete in substructure                 |                               |    |          |                       |                  |
| crete vide page - (10)                              |                               |    |          |                       |                  |
| 47.16 m <sup>2</sup> @ R. 5196.37/m <sup>2</sup> R. |                               |    |          |                       | 245061           |
|                                                     |                               |    |          |                       | 3030173          |

| Particulars                                               | Details of actual measurement |    |    |          | Contents of area |
|-----------------------------------------------------------|-------------------------------|----|----|----------|------------------|
|                                                           | No.                           | L. | B. | D.       |                  |
|                                                           |                               |    |    | 13/12/21 | 5030173:         |
| (12) Provision for L <sub>1</sub> - 1024.18               |                               |    |    |          |                  |
| Mark - 100 mm dia                                         |                               |    |    |          |                  |
| from edge to edge                                         |                               |    |    |          |                  |
| — (10) - 7.18 m                                           |                               |    |    |          |                  |
| @ R. 41460/m <sup>2</sup> R. 31095:                       |                               |    |    |          |                  |
| (13) Filling in foundation                                |                               |    |    |          |                  |
| chamber (10):                                             |                               |    |    |          |                  |
| 7.65 m @ R. 478.11/m <sup>2</sup> R. 3658:                |                               |    |    |          |                  |
| 14. Supplying Bitum                                       |                               |    |    |          |                  |
| and painting work                                         |                               |    |    |          |                  |
| in Super structure                                        |                               |    |    |          |                  |
| Rate - (10) - 0.602 m <sup>2</sup>                        |                               |    |    |          |                  |
| @ R. 5266/m <sup>2</sup> R. 5593:                         |                               |    |    |          |                  |
| (15) Provision for Rec. m <sup>2</sup>                    |                               |    |    |          |                  |
| in Super structure                                        |                               |    |    |          |                  |
| Deck -                                                    |                               |    |    |          |                  |
| Rate - (10) - 3.38 m <sup>2</sup>                         |                               |    |    |          |                  |
| @ R. 5760.94/m <sup>2</sup> R. 18455:                     |                               |    |    |          |                  |
| (16) Provision for Reinforced                             |                               |    |    |          |                  |
| Concrete in Deck                                          |                               |    |    |          |                  |
| Slab rate (10) - 3.74 m <sup>2</sup>                      |                               |    |    |          |                  |
| @ R. 6215.97/m <sup>2</sup> R. 23248:                     |                               |    |    |          |                  |
| (17) Provision for hole                                   |                               |    |    |          |                  |
| in Deck - (10) - 3.6 m <sup>2</sup>                       |                               |    |    |          |                  |
| @ R. 118.86/m <sup>2</sup> R. 4279:                       |                               |    |    |          |                  |
| (18) Provision for                                        |                               |    |    |          |                  |
| Mark etc rate (10)                                        |                               |    |    |          |                  |
| 35.30 m <sup>2</sup> @ R. 750.80/m <sup>2</sup> R. 26506: |                               |    |    |          |                  |
| C. @ R. 32171580                                          |                               |    |    |          |                  |

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| Particulars                                                       | Details of actual measurement |    |    |     | Contents of area |
|-------------------------------------------------------------------|-------------------------------|----|----|-----|------------------|
|                                                                   | No.                           | L. | B. | D.  |                  |
|                                                                   |                               |    |    | BLK | 52,71356         |
| (19) Construction of unreinforced concrete pavement               |                               |    |    |     |                  |
| width (14) - 180 m                                                |                               |    |    |     |                  |
| @ R. 5629.44/m                                                    |                               |    |    |     | 10,13299         |
| 20. Pavement and base of typical mainy type, crown etc - width    |                               |    |    |     |                  |
| — (14) - 300 @ R. 539.74/m                                        |                               |    |    |     | 28619            |
| 21. Primary Retro slope etc, traffic slope                        |                               |    |    |     |                  |
| (2) 600mm equivalent width                                        |                               |    |    |     |                  |
| — 2 @ R. 3616.99/m                                                |                               |    |    |     | 28936            |
| (22) 600mm concrete - 200.                                        |                               |    |    |     |                  |
| @ R. 4842.66/m                                                    |                               |    |    |     | 9685             |
| (222) 900mm concrete                                              |                               |    |    |     |                  |
| — 2 @ R. 8398.29/m                                                |                               |    |    |     | 16798            |
| (22) Road marking with hot applied thermoplastic in C.C. Pavement |                               |    |    |     |                  |
| width (14) - 60 m                                                 |                               |    |    |     |                  |
| @ R. 748/m                                                        |                               |    |    |     | 44880            |
| (23) Road marking hot applied in B.T surface                      |                               |    |    |     |                  |
| width (25) 90 m                                                   |                               |    |    |     |                  |
| limited 89m @ R. 736/m                                            |                               |    |    |     | 65740            |
|                                                                   |                               |    |    |     | 144,79,313       |

Continuation

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| Particulars                                                                                                                                                           | Details of actual measurement |    |    |       | Contents of area |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|-------|------------------|
|                                                                                                                                                                       | No.                           | L. | B. | D.    |                  |
|                                                                                                                                                                       |                               |    |    | 81.12 | 4479313          |
| (24) Provision concrete<br>R.C.C. in drain<br>supplying, filling and<br>forming 1145 D box in<br>drain under rate (24)<br>1.83128 M.T.<br>@ R. 49960.01/M.T. R. 91491 |                               |    |    |       |                  |
| 25. Provision R.C.C.<br>in drain wall<br>Quantity under rate (21)<br>- 34.65 m <sup>3</sup> @ R. 5236.99/m <sup>3</sup> R. 181463                                     |                               |    |    |       |                  |
| (26) Provision and<br>applying primer coat<br>under rate (24) - 1687.50 m <sup>2</sup><br>@ R. 44.88/m <sup>2</sup> R. 75735                                          |                               |    |    |       |                  |
| (27) Provision and applying<br>tack coat under rate (24)<br>1687.50 m <sup>2</sup> @ R. 15.26/m <sup>2</sup> R. 25751                                                 |                               |    |    |       |                  |
| (28) Provision and seal surfacing<br>under rate (25) - 1687.50 m <sup>2</sup><br>@ R. 192.93/m <sup>2</sup> R. 325,569                                                |                               |    |    |       |                  |
| (29) Provision and concrete<br>115 mm bed kilometre stone<br>and 200 mm stone                                                                                         |                               |    |    |       |                  |
| (22) Ordinary concrete<br>under rate (25) - 240.00 @ R. 2383.47/m <sup>3</sup> R. 4767<br>C.R. 5184088                                                                |                               |    |    |       |                  |

Continuation

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| Particulars                     | Details of actual measurement |    |    |                    | Contents of area |
|---------------------------------|-------------------------------|----|----|--------------------|------------------|
|                                 | No.                           | L. | B. | D.                 |                  |
|                                 |                               |    |    | B/PB               | 5184088-         |
| (222) 200m stone Vixage         |                               |    |    |                    |                  |
| (25) - 3 No.                    |                               |    |    |                    |                  |
|                                 |                               |    |    | Q.R.S. 630.77 each | 1892-            |
| (39) Laying cement concrete     |                               |    |    |                    |                  |
| Pipe 300 mm dia -               |                               |    |    |                    |                  |
| Vixage - (25) - 15 m            |                               |    |    |                    |                  |
|                                 |                               |    |    | Q.R. 821.69 m      | 123252           |
|                                 |                               |    |    | 14.                | 5198305-         |
| Add 1/2 Labour (C) + 12% G.S.T. |                               |    |    | Rs                 | 6757792          |
| Add Scaffolding Fee             |                               |    |    | Rs                 | 2,11,8002        |
|                                 |                               |    |    | Rs                 | 60,86,884        |
|                                 |                               |    |    | Rs                 | 42,52,413        |
|                                 |                               |    |    | Rs                 | 68,12,823-       |

12/6/21 J.E. ~~10-8-21~~ 21.22074061  
 Material Statement from

Is on bill upto 3rd and

Final Bill -

- (1) E/W - 3105.81 m<sup>3</sup>
- (2) Sand - 421.19 m<sup>3</sup>
- (3) Chicks - 891.70 m<sup>3</sup>
- (4) Bitumen Gravel 55 - 1.35 m<sup>3</sup>
- (5) Bitumen Gravel 55 - 0.46 m<sup>3</sup>
- (6) Bitumen (5-90) - 3.21 m<sup>3</sup>
- (7) Grade - II - 255.20 m<sup>3</sup>

12/6/21 J.E.  
 S.E.

Accepted  
 10-8-21  
 A.B.