

Construction of high level RCC bridge with  
approach Road over Kakumahira River in  
Bhabua Mohania path to Kosi Vaidhingarai Dihara  
path  
Shedule XLV Form No. 134.

Bhabua \_\_\_\_\_ DIVISION

Bhabua \_\_\_\_\_ SUB-DIVISION

**Measurement Book**

MB No- 1610

3467  
T. M. G. I. M. G. I. M. G. I.

## Sch. XLV-Form No. 134

| Particulars                                                                                                                               | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                           | No.                           | L. | B. | D. |                  |
|                                                                                                                                           | Item B/A Bill                 |    |    |    |                  |
| N/W - Construction of high level Rec. bridge with approach road over Kukanhija River in Bhabha-Moharia Path to Ihinga Bihra Path via Kori |                               |    |    |    |                  |
| Agency - Ajay Exicon Pvt. LTD.                                                                                                            |                               |    |    |    |                  |
| At - Khatriya Nagar                                                                                                                       |                               |    |    |    |                  |
| Dist - Aurangabad                                                                                                                         |                               |    |    |    |                  |
| Agreement No - SBD-03/2023-24                                                                                                             |                               |    |    |    |                  |

Date of work start - 08-6-2023

Intended date of completion - 7-6-2024

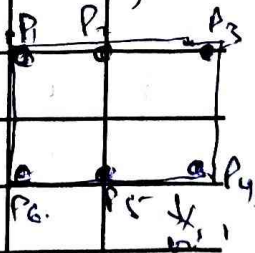
Accepted Rate - 10.00% Below

D/E

Work duration - From.

Details

ME



1) S/E and fixing/placing  
HYSD bar reinforcement  
in foundation - do - all

Continuation

## Sch. XLV-Form No. 134

| Particulars                                                                                                 | Details of actual measurement        |          |    |    | Contents of area |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------|----------|----|----|------------------|
|                                                                                                             | No.                                  | L.       | B. | D. |                  |
| complete as per tech. specifications.<br>(For Pier Pile P <sub>1</sub> , P <sub>2</sub> , P <sub>6</sub> .) |                                      |          |    |    |                  |
| (i) 20 mm dia main bars.                                                                                    |                                      |          |    |    |                  |
|                                                                                                             | 24 Nos                               | 27.950 m | 3' |    |                  |
|                                                                                                             |                                      |          |    |    | = 2012.40 m.     |
|                                                                                                             | L = 24.850 × 2 × 1.250 + 2 × 0.300 m |          |    |    |                  |
|                                                                                                             |                                      |          |    |    | = 27.950 m       |
|                                                                                                             | 2012.40 m                            |          |    |    | @ 2.47 kg/m      |
|                                                                                                             |                                      |          |    |    | = 4970.63 kg-    |
| (ii) outer Ring                                                                                             |                                      |          |    |    |                  |
|                                                                                                             | 12 mm dia                            |          |    |    |                  |
|                                                                                                             | L = (3.14 × 1.05 m) * 0.35 m         |          |    |    |                  |
|                                                                                                             |                                      |          |    |    | = 3.65 m         |
|                                                                                                             | 96 Nos                               | 3.65 m   | 3  |    |                  |
|                                                                                                             |                                      |          |    |    | = 1051.20 m      |
|                                                                                                             |                                      |          |    |    | @ 89 kg/m        |
|                                                                                                             |                                      |          |    |    | = 935.57 kg.     |
| (iii) Stiffener Ring (20 mm dia)                                                                            |                                      |          |    |    |                  |
|                                                                                                             | L = (3.14 × 1.01 m) * 0.35 m         |          |    |    |                  |
|                                                                                                             |                                      |          |    |    | = 3.52 m.        |
|                                                                                                             | 13 Nos                               | 3.52 m   | 3  |    |                  |
|                                                                                                             |                                      |          |    |    | = 137.28 M.      |
|                                                                                                             |                                      |          |    |    | @ 2.47 kg/m      |
|                                                                                                             |                                      |          |    |    | = 339.08 kg      |
|                                                                                                             | Total                                |          |    |    |                  |
|                                                                                                             |                                      |          |    |    | = 6245.28 kg.    |
|                                                                                                             |                                      |          |    |    | = 6.245 MT.      |

Continuation

**Continuation**



## Sch. XLV-Form No. 134

| Particulars           | Details of actual measurement |    |    |    | Contents of area |
|-----------------------|-------------------------------|----|----|----|------------------|
|                       | No.                           | L. | B. | D. |                  |
| (ii) outer Rings      |                               |    |    |    |                  |
| 12 mm dia             |                               |    |    |    |                  |
| 94 Nos X 3.65 m X 3   |                               |    |    |    |                  |
|                       |                               |    |    |    | = 1029.30 m      |
| at 0.89 kg/m          |                               |    |    |    | → 916.08 kg-     |
| (iii) Stiffener Rings |                               |    |    |    |                  |
| 20 mm dia             |                               |    |    |    |                  |
| 13 Nos X 3.52 m X 3   |                               |    |    |    |                  |
|                       |                               |    |    |    | = 137.28 m       |
| at 2.47 kg/m          |                               |    |    |    | = 339.08 kg      |
| Total                 |                               |    |    |    | 6225.79 kg.      |
|                       |                               |    |    |    | = 6.226 MT       |

And

(4) ~~SIF~~ Boxed cast-in  
 with M35 grade Rice  
 piles (excluding reinforcement)  
 - do - all complete

3 Nos X 23.50 m

= 70.50 m.

And

14/3/24

at

14/03/24  
 PTC

(1) S/F and placing un-coated HYSD bar reinforcement in Jucdu - do - all comply as per direction of B.P.

|           |                |
|-----------|----------------|
| 6-245 mm  | vide TORR P-11 |
| 6-226 mm  | " " P-13       |
| 28-975 mm | " " P-05       |
| 41-446 mm |                |

— Rs. 3387008 = W

|                              |      |          |              |
|------------------------------|------|----------|--------------|
| (2) Bored cast-in situ m 35  |      |          |              |
| grade pile including         |      |          |              |
| cost of reinforcement - do - |      |          |              |
| one complete as per drawing  |      |          |              |
| and tech sheets              |      |          |              |
| 70.50 m                      | wide | 700 B 12 |              |
| 70.50 m                      | "    | " P-13   |              |
| 258.00 m                     | "    | " P-6    |              |
| 397.00 m                     |      |          |              |
| C.R. 2516450/m               |      |          | Rs. 10040436 |
|                              |      |          | 570          |

**Continuation**



## Sch. XLV-Form No. 134

| Particulars        | Details of actual measurement |                  |               |                 | Contents of area |
|--------------------|-------------------------------|------------------|---------------|-----------------|------------------|
|                    | No.                           | L.               | B.            | D.              |                  |
|                    |                               | B.F              | 128           | 147424          | 70 m             |
| Deducting previous |                               |                  |               |                 |                  |
| payments on Rs     |                               |                  |               | 9824140         | =                |
|                    |                               |                  |               |                 |                  |
|                    |                               | <del>Rs 25</del> | <del>25</del> |                 |                  |
|                    |                               | Rs               | 4918          | 330             | = ev             |
|                    |                               |                  |               |                 |                  |
| Net Payable        |                               |                  |               |                 |                  |
|                    |                               |                  | Rs            | 4918330         | = ev             |
|                    |                               |                  |               |                 | ✓                |
|                    |                               | <del>Done</del>  |               | <del>Done</del> |                  |
|                    |                               | 14/3/24          |               | 14.03.24        |                  |
|                    |                               | AE               |               | AE              |                  |