

Nilat- Kamekand Kaur House to Koryan  
Chanda under maghary,  
Shedule XLV Form No. 134. (80)

आर्मी कोर विभाग काम प्रमंडल सूचरी

DIVISION

आर्मी कोर विभाग काम प्रमंडल सूचरी

SUB-DIVISION

Chanda

Measurement Book

No-2784

Agency:- Abhay Kaur Singh

| Particulars                                                                                | Details of actual measurement |   |   | Contents of area |
|--------------------------------------------------------------------------------------------|-------------------------------|---|---|------------------|
|                                                                                            | No                            | 1 | 2 |                  |
| Plame of work is construction of road from Government Pay lane to Koriya chack under NH-42 |                               |   |   |                  |
| Name of Agency is Abay Singh Prabhakar, Sirsi, Thakur, Chitwanthi                          |                               |   |   |                  |
| Agreement No. is 18/28.0/2020-21                                                           |                               |   |   |                  |
| dt of commencement - 28.06.2020                                                            |                               |   |   |                  |
| dt of completion - 07.06.2021.                                                             |                               |   |   |                  |

①. Construction of unreinforced Plain Cement concrete (14-30) - do - do all complete job.

$$1 \times 30 \times \frac{3.05 + 3.84}{2} \times 0.160 = 18.45 \text{ m}^3$$

$$1 \times 30 \times \frac{3.81 + 3.80}{2} \times 0.160 = 18.26 \text{ m}^3$$

$$1 \times 30 \times \frac{3.92 + 3.97}{2} \times 0.160 = 18.86 \text{ m}^3$$

$$1 \times 30 \times \frac{3.98 + 3.96}{2} \times 0.160 = 19.05 \text{ m}^3$$

$$1 \times 30 \times \frac{3.80 + 3.81}{2} \times 0.160 = 18.26 \text{ m}^3$$

$$1 \times 30 \times \frac{3.05 + 3.06}{2} \times 0.160 = 18.51 \text{ m}^3$$

$$1 \times 15 \times \frac{4.12 + 4.15}{2} \times 0.160 = 9.92 \text{ m}^3$$

$$1 \times 15 \times \frac{3.82 + 3.84}{2} \times 0.160 = 9.19 \text{ m}^3$$

$$\text{Qty} = 130.50 \text{ m}^3$$

# Abstract of Cost

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Sch. XLV-Form No. 134

| Particulars                                                           | Details of actual measurement |                       |    | Contents of area |
|-----------------------------------------------------------------------|-------------------------------|-----------------------|----|------------------|
|                                                                       | No.                           | L.                    | B. |                  |
| (1) P/W & fixing of working P/W Pillar                                |                               |                       |    |                  |
| Qty vide Page no (18) in TMB CD                                       |                               |                       |    |                  |
| @ 4269.41/KM                                                          |                               | 2.00 KM               | P  | 8537.82          |
| (2) Reference Pillar                                                  |                               |                       |    |                  |
| Qty vide Page no (18) in TMB H. (2)                                   |                               |                       |    |                  |
| @ 1978.42/KM                                                          |                               | 2.00 KM               | P  | 3957.20          |
| (3) Clearing & Grubbing of mud land                                   |                               |                       |    |                  |
| Qty vide Page no (18) in TMB H. (3)                                   |                               |                       |    |                  |
| @ 49496.70/Hg                                                         |                               | 1.40 Hg               | P  | 69295.20         |
| (4) Cost of embankment with material obtained from pits (1000 M load) |                               |                       |    |                  |
| Qty vide Page no (18) (1)                                             |                               |                       |    |                  |
| @ 175.11/M <sup>3</sup>                                               |                               | 618.33 M <sup>3</sup> | P  | 1,08,226.20      |
| (5) for 100 M load                                                    |                               |                       |    |                  |
| Qty vide Page no (18)                                                 |                               |                       |    |                  |
| @ 138.22/M <sup>3</sup>                                               |                               | 689.80 M <sup>3</sup> | P  | 95,379.20        |
| (6) E/W in excavation for structure as per drawing                    |                               |                       |    |                  |
| Qty vide Page no (18) in TMB H. (5)                                   |                               |                       |    |                  |
| @ 260.57/M <sup>3</sup>                                               |                               | 119.02 M <sup>3</sup> | P  | 31,015.20        |
| (7) Sand filling in foundation trenches                               |                               |                       |    |                  |
| Qty vide Page no (18) TMB item (C)                                    |                               |                       |    |                  |
| @ 397.32/M <sup>3</sup>                                               |                               | 2.02 M <sup>3</sup>   | P  | 803.20           |
| (8) P/W M115 PCC concrete plain foundation                            |                               |                       |    |                  |
| Qty vide Page no (18) TMB H. (8)                                      |                               |                       |    |                  |
| @ 6326.00/M <sup>3</sup>                                              |                               | 14.92 M <sup>3</sup>  | P  | 94,384.00        |
|                                                                       |                               |                       | P  | 4,11,648.20      |

Continuation

| Particulars                                                                                                  | Details of actual measurement |   |      |     | Contents of area |
|--------------------------------------------------------------------------------------------------------------|-------------------------------|---|------|-----|------------------|
|                                                                                                              | No.                           | L | B    | D.  |                  |
| (8)<br>(77) Brick masonry work in wall<br>(1:4) in foundation complete<br>Qty vide Page no. (17) in TMB      |                               |   | 0.15 | 1.5 | 4,11,648 = 0     |
| @ 5294.77/m <sup>3</sup>                                                                                     | 6.32 m <sup>3</sup>           |   |      |     | 3,82,042 = 0     |
| (9)<br>(78) Brick masonry work in<br>Cement mortar (1:4) in wall<br>Qty vide Page no. (17) in TMB            |                               |   |      |     |                  |
| @ 6029.78/m <sup>3</sup>                                                                                     | 31.30 m <sup>3</sup>          |   |      |     | 1,88,732 = 0     |
| (10)<br>(79) Plain face masonry in Substructure<br>Qty vide Page no. (17) in TMB                             |                               |   |      |     |                  |
| @ 7161.18/m <sup>3</sup>                                                                                     | 4.428 m <sup>3</sup>          |   |      |     | 31,710 = 0       |
| (11)<br>(80) P/V masonry pointing over top<br>Surface - do do complete for<br>Qty vide Page no. (17) in TMB  |                               |   |      |     |                  |
| @ 14.01/m <sup>2</sup>                                                                                       | 15.00 m <sup>2</sup>          |   |      |     | 210 = 0          |
| (12)<br>(82) Supply, fitting & placing<br>HYSD bar - do do all complete for<br>Qty vide Page no. (17) in TMB |                               |   |      |     |                  |
| @ 54659.52/MT                                                                                                | 1.017 MT                      |   |      |     | 55,568 = 0       |
| (13)<br>(84) Pluck bying RCC for Super<br>Structure (Deck Slab M-25)<br>Qty vide Page no. (17) in TMB        |                               |   |      |     |                  |
| @ 8212.04/m <sup>3</sup>                                                                                     | 8.01 m <sup>3</sup>           |   |      |     | 66,518 = 0       |
| (14)<br>(85) P/V & fitting joint sealing compound<br>Qty vide Page no. (17) in TMB                           |                               |   |      |     |                  |
| @ 35.17/KM                                                                                                   | 15.00 KM                      |   |      |     | 528 = 0          |
|                                                                                                              |                               |   |      |     | 11,41,961 = 0    |

| Particulars                                                                                                                   | Details of actual measurement |                      |     |    | Contents of spec |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------|-----|----|------------------|
|                                                                                                                               | No.                           | L.                   | B.  | D. |                  |
| (15/4) Brick masonry into 1st mortar (1:1) in parapet & sty side Page no (20) in TMB                                          |                               |                      | 145 | 82 | 111,114.50       |
| @ 6017.00/m <sup>2</sup>                                                                                                      |                               | 4.32 m <sup>2</sup>  |     |    | 26,004.50        |
| (16/38) Plastering with cement mortar (1:4) 15 mm thick on brick work sty side Page (20) in TMB                               |                               |                      |     |    |                  |
| @ 200.28/m <sup>2</sup>                                                                                                       |                               | 85.45 m <sup>2</sup> |     |    | 17,219.20        |
| (17/20) Providing sun cement putty including carriage & notes all sty side Page no (20) in TMB                                |                               |                      |     |    |                  |
| @ 47.00/m <sup>2</sup>                                                                                                        |                               | 29.76 m <sup>2</sup> |     |    | 1399.50          |
| (18/37) P/V Weep holes in brick masonry plain/RCC abutment wing wall & return wall with 10mm dia sty side Page no (20) in TMB |                               |                      |     |    |                  |
| @ 113.40/m                                                                                                                    |                               | 40.00 m              |     |    | 4536.00          |
| (19/4) Excavation for roadway in soil using manual means for carrying of cut earth (excavator)                                |                               |                      |     |    |                  |
| sty side Page no (20) in TMB Item no (1)                                                                                      |                               |                      |     |    |                  |
| @ 34.10/m <sup>3</sup>                                                                                                        |                               | 82.00 m <sup>3</sup> |     |    | 2113.20          |
|                                                                                                                               |                               |                      |     |    | PA 1197.25       |

| Particulars                                                                                         | Details of actual measurement |    |                       |    | Contents of area |
|-----------------------------------------------------------------------------------------------------|-------------------------------|----|-----------------------|----|------------------|
|                                                                                                     | No.                           | L. | B.                    | D. |                  |
| (20/22) Const. of GSB Crs. by P/W well graded material GSB Crs. in Box cutting for profile concrete |                               |    | 115.50 m <sup>3</sup> | PA | 11,97,227 = 00   |
| Qty vide Page no (21) in TMB item no. (20)                                                          |                               |    |                       |    |                  |
| @ 2811.36/m <sup>3</sup>                                                                            |                               |    |                       | PA | 3,24,712 = 00    |
| (21/13) P/W, laying, spreading & Compacting stone aggregate WBM Crs. + 15                           |                               |    |                       |    |                  |
| Qty vide Page no (21) in TMB                                                                        |                               |    |                       |    |                  |
| @ 3119.89/m <sup>3</sup>                                                                            |                               |    | 314.18 m <sup>3</sup> | PA | 10,74,461 = 00   |
| (22/14) Construction of unreinforced plain cement concrete pavement                                 |                               |    |                       |    |                  |
| Qty vide Page no. (21) + (24) in TMB item no. (22)                                                  |                               |    |                       |    |                  |
| 426.59 m <sup>3</sup> + 246.96 m <sup>3</sup>                                                       |                               |    |                       |    |                  |
| = 673.55 m <sup>3</sup>                                                                             |                               |    |                       |    |                  |
| Limit 673.20 m <sup>3</sup>                                                                         |                               |    |                       |    |                  |
| @ 7857.92/m <sup>3</sup>                                                                            |                               |    | 673.20 m <sup>3</sup> | PA | 52,89,952 = 00   |
|                                                                                                     |                               |    |                       | PA | 78,86,352 = 00   |
| Add GST 12% (+) PA                                                                                  |                               |    |                       |    | 9,46,362 = 00    |
| Add L.C 1% (+) PA                                                                                   |                               |    |                       |    | 78,864 = 00      |
|                                                                                                     |                               |    |                       | PA | 89,11,578 = 00   |
| Less 1.01% as per agreement (-) PA                                                                  |                               |    |                       |    | 90,007 = 00      |
|                                                                                                     |                               |    |                       | PA | 88,21,571 = 00   |

