

# Schedule XLV-Form No. 134

Executive Engineer  
R.W.D.(W), Division  
Awal

DIVISION

PARWAL — SUB-DIVISION

# MEASUREMENT BOOK

697

~~प्रमाणित किया जाना है कि यह मापी पुस्तक  
में नहीं, बल्कि कुल 100 (लौ) पृष्ठे हैं।  
यह संख्याएँ, संघरण, विभाग, नाम आदि  
क्षमता, अवलोकन की नियम इसी पुस्तक  
में हैं।~~

## Schedule PLV-Form No. 134

### NOTES

REFERENCE TO P. W. A. CODE

~~Executive Engineer~~

Para 39 & 81 R.W.D (W), Division

1. In recording detailed measurements, the following general instructions should be carefully observed:-
  - (a) Subject to such subsidiary orders as may be laid down by the local Government detailed measurements should be recorded only by Executive or Assistant Engineers or by Executive subordinates in-charges of work to whom measurement books have been supplied by the Executive Engineer for the purpose.
  - (b) All measurements should be bear taken down in a measurement book Form 23, issued for the purpose, nowhere else.
  - (c) Each set of measurement should commence with entries starting-
    - (i) In the case of bills for work done :-
      - (a) Full name of work as given in estimate
      - (b) Situation of work
      - (c) Name of contractor.
      - (d) Number and date of his agreement and
      - (e) Date of measurement
      - (i) "Stock", (ii) "Purchase" for direct issue to (here enter full name of work as given in estimate)
      - (ii) "Purchase" for (here enter full name of work as given in estimate) issued to contractor ..... on ..... and
    - (d) Date of measurements and should end with the Paid initials of the officer marking the measurement, see also paragraph 24. A suitable abstract should then be

# ISLAM A/c BILL

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
<u>Name of Work - Maha</u>						
<u>Baghe to main road laid road</u>						
<u>to malibatti.</u>						
<u>Agreement No - 30(MBD)MR-New</u>						
<u>20-22-2021</u>						
<u>Agency - M/S m/s kiran ch</u>						
<u>construction &amp; co.</u>						
<u>Date of start - 28-09-2020</u>						
<u>Date of completion 21-06-2021</u>						
<u>(as per agreement)</u>						

## 1) Clearing and grubbing

road Land -

$$2 \times 12 \times 30.00m \times 1.00m = 720.00m^2$$

$$2 \times 8 \times 30.00m \times 1.00m = 480.00m^2$$

$$2 \times 10 \times 30.00m \times 1.00m = 600.00m^2$$

$$1800.00m^2$$

or  $= 0.18 Ha$

## 2) Construction of granular

sub-base by providing well

graded material.

Continuation

Abstract of Cost

10

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Clearing and grubbing					
Raw Land-					
81.8 Acre - V.T.M.B.P - (1)					
@ 151133.76/m <sup>2</sup> — ₹ 9204/-					
(2) Construction of sub grade					
and earthy shingle					
826.00m <sup>2</sup> - V.T.M.B.P - (2)					
@ 161.56/m <sup>2</sup> — ₹ 133448/-					
(3) Construction of granular					
Sub-base by spreading					
well graded materials					
22.92 m <sup>2</sup> - V.T.M.B.P - (2)					
@ 1773.43/m <sup>2</sup> — ₹ 42418/-					
(4) providing, laying, spreading and compacting					
stone WBM I & II					
13.65m <sup>2</sup> V.T.M.B.P - (3)					
@ 3102.46/m <sup>2</sup> — ₹ 42362/-					
(5) providing, laying and compacting Stone WBM III					
67.21m <sup>2</sup> - V.T.M.B.P - (3)					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ @ 8.2880.65/m <sup>3</sup>					193616=
(6) providing and applying primer cost with bitumen					
905.13272 - V.T.M.N.P. (4)					
⑦ @ 14.44.69/m <sup>3</sup>					40450=
(7) providing and applying Tack cost with bitumen					
6949.98 m <sup>2</sup> - V.T.M.N.P. (5)					
⑧ @ \$ 1.5-20/m <sup>2</sup>					105639=

mix seed sunflower

154.748m = v. T.m. D.P - (6)

$$\textcircled{2} \Delta 193.01/m^2 = 317980^2$$

(9) providing and laying

~~semi dense~~ citizens

## Concrete

133.56 m<sup>3</sup> - V.T.P.R.B.P

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Figure 1. A schematic diagram of the experimental setup. The light source (labeled 1) is positioned at the bottom left. The beam splitter (BS) is located at the top center. The two mirrors (M<sub>1</sub> and M<sub>2</sub>) are positioned at the top right. The two lenses (L<sub>1</sub> and L<sub>2</sub>) are located at the bottom right. The two detectors (D<sub>1</sub> and D<sub>2</sub>) are positioned at the bottom center.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Kilometre Stone					
K.m					
Rno - V.T.M.B.P - (7)					
@ Rs 184.9/- each - Rs 3699/-					

(11) Kilometre Stone					
20m Stone					
5 Nos - V.T.M.B.P - (7)					
@ Rs 29.10/- each - Rs 2645/-					

(12) Providing and fixing of typical misery information					
Sign board with logo					
3 Nos - V.T.M.B.P - (7)					
@ Rs 2951.86/- each - Rs 2362/-					
@ 8810.65/- each - Rs 26432/-					
(13) Providing and fixing of retro reflectorised					
Cautionary 600 mm equivalent					
8 Nos - V.T.M.B.P - (7)					
@ Rs 2951.86/- each - Rs 23615/-					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14)					
(15) providing and fixing of retro-reflectorised cautionary & warning corner 6 Nos - V.T.M.B.P - (8)					
@ ₹ 3058.78 /each → ₹ 18352 =					
(15) providing and fixing of retro-reflectorised cautionary & warning corner rectangular					
6 Nos - V.T.M.B.P - (8)					
@ ₹ 2952.19 /each → ₹ 17713 =					
(16) Reinforced corners 17 concrete M-15 grade boundary pillar					
17 Nos - V.T.M.B.P - (8)					
@ ₹ 477.04 /each → ₹ 8109 =					
(17) planting of trees and maintenance for one year planting of trees 38 Nos - V.T.M.B.P - (9)					
Continuation @ ₹ 818.34 /each → ₹ 3115 =					

A.D.

Sch. XLV-Form No. 134

14

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18 →					
19 →					
Read marking with Hot applied Thermoplastic Compound.					
280.00 m <sup>2</sup> - V.T. M.D.P →					₹ 805923/-
					₹ 2512916/-
Deduct 12.21 % below					
Copper Agreement) →					₹ 6306827/-
					₹ 62206089/-
Add GST Cost →					+ ₹ 301549/-
Add Labour Cost →					₹ 625129/-

Add Seigniorage fee (+) 14324 =

825-17091

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