

Schedule XLV-Form No. 134

Repura Bhadsani RCD Road Near Barsey Nagar
to Mushi Pahar Mahadalit + etc

Narada

DIVISION

Hissar

SUB-DIVISION

2474

~~2478~~

MEASUREMENT BOOK

Ghanshyam Singh.

प्रमाणित किया जाता है कि इस मापी पुस्तिका
में मशीन द्वारा छपाई पृष्ठ 100 (एक सौ) मात्र है।
जो श्री.....हिबुआ.....सहायक
अभियंता ग्रा० का० वि० कार्य प्रमण्डल..

के नाम से निर्गत किया जाता है।
जिसका निर्गत सं०...~~2468~~²⁴⁷¹...है।


16/03/2021
Executive Engineer
Rural Works Department
Works Division, Nawada
K.P.
16/3/21

Sch. XLV-Form No. 134

Nawada

DIVISION

Hibua

SUB-DIVISION

Measurement Book

No. 2471
~~2468~~

Name of officer _____

Date of first entry _____

Date of last entry _____

1st on A/c billin

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.	
N/Ws- cons- of road from					
Retura-Bhadgami Rd					
road near Biraj Nagar					
to musli paha's mahadalit					
to la in Hissa block.					
Asst. Insp. 05 mmsy (NDB) / 582 / 023-24					
Asst. Insp. 502 mmsy (NDB) / 582 / 023-24					
Date of start:					
Date of completion:					
<u>Date of measurement</u>					
				1-13-04-24	
<u>Date of entry</u> 13-04-24					
① Setting out pillars --					
① Benchmark pillars --					
				:- 2.00 Nos.	
① Reference pillars, --					
				:- 9.00 Nos.	
② clearing and grubbing road					
land -- --					
2 x 78 x 30.00 x 3.50 = 16380.00 m ²					
2 x 1 x 10.00 x 3.50 = 70.00 m ²					
				Total: 16450.00 m ²	

Continuation = 1.645 Hec

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
③ E/W in excavation ---					
3m 2 HP (600mm Ø) -					
$2 \times 2 \times 3.90 \times 1.15 \times 1.50 = 26.91 \text{ m}^3$					
$2 \times 1 \times 5.35 \times 1.13 \times 0.365 = 4.413 \text{ m}^3$					
3m 7 HP (1200mm Ø) -					
$7 \times 2 \times 6.45 \times 1.40 \times 1.50 = 189.63 \text{ m}^3$					
$7 \times 1 \times 4.85 \times 1.53 \times 0.365 = 13.959 \text{ m}^3$					
Total:-					239.912 m ³
④ PCC M-15 as levelling course in foundation ---					
3m 2 HP (1200mm Ø) -					
$2 \times 2 \times 3.90 \times 1.15 \times 0.150 = 2.691 \text{ m}^3$					

$2 \times 1 \times 5.311 \times 1.13 \times 0.250 = 3.000 \text{ m}^3$					
3m 7 HP (1200mm Ø) -					
$7 \times 2 \times 6.45 \times 1.40 \times 0.150 = 18.963 \text{ m}^3$					
$7 \times 1 \times 4.931 \times 1.53 \times 0.250 = 13.203 \text{ m}^3$					
Total:-					37.857 m ³

⑤ PCC M-20 in substructure ---					
3m 2 HP (1200mm Ø) -					
$2 \times 2 \times 3.60 \times \left(\frac{1.00 + 0.40}{2} \right) \times 3.180$					
= 32.054 m ³					
$2 \times 2 \times 3.60 \times 0.60 \times 0.40 = 3.456 \text{ m}^3$					
Large pipe -					
$2 \times 2 \times \frac{\pi}{4} \times (0.83)^2 \times 0.530 = 1.147 \text{ m}^3$					
3m 7 HP (1200mm Ø) -					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
① Set out pillars --					
① Bench mark pillars --					
2.00 Nos. (vide P-01)					
@ Rs. 4321.50/each					= Rs. 8643.00/-
① Reference pillars --					
9.00 Nos. (vide P-01)					
@ Rs. 1988.01/each					= Rs. 17892.09/-
② clearing & grubbing road land including					
1.645 Hec (vide P-01)					
@ Rs. 75573.34/Hec.					= Rs. 124318.00/-
③ cons. of embankment with lead up to 100m --					
6121.80 m ³ (vide P-06)					
@ Rs. 196.10/m ³					= Rs. 1200485.00/-
④ cons. of subgrade and earthen shoulders --					
5358.00 m ³ (vide P-06)					
@ Rs. 264.63/m ³					= Rs. 1417888.00/-
⑤ cons. of GSB by providing well graded --					

Continuation

Continuation