

ਕਾਨੂੰਨੀ ਕਾਨੂੰਨੀ - ਪ੍ਰਾਪਤੀ ਪ੍ਰਾਪਤੀ ਕਾਨੂੰਨੀ
ਕਾਨੂੰਨੀ ਕਾਨੂੰਨੀ - ਪ੍ਰਾਪਤੀ ਪ੍ਰਾਪਤੀ ਕਾਨੂੰਨੀ

Schedule XLV-Form No. 134

ਕਾਨੂੰਨੀ - ਪ੍ਰਾਪਤੀ ਪ੍ਰਾਪਤੀ ਕਾਨੂੰਨੀ

ਕਾਨੂੰਨੀ

DIVISION

ਕਾਨੂੰਨੀ

SUB-DIVISION

MB No. - 556

Measurement Book

- 556

उसका नाम है कि ३३ मापी
पुस्तिका में कुल १०० पन्ने मशीन मुद्रित
हैं जो भी ठाकुर पवन सिंह
अभिज्ञा सवर पुठोल, करपी से नाम
से निर्गत किया जाता है।

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30/7/19

Executive Engineer

R.W.D. (W) Division

Laxmi
30-7-19 Arwal

Sch. XLV - Form No. 134

ARWAL DIVISION
KARPI SUB-DIVISION

Measurement Book

No. 556

2nd on A/c Bill

3rd on A/c Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: - Karbi					
Tonangaj Road to Bhupur.					
Agency: - Mao Karmachya Const.					
8 Co.					
Partner - Ajay Kumar					
Vill - Kamta (Anwal)					
Ag. No: - 19/SBD/MMA/19/2019-20					
Date of Commencement: - 29/07/19					
Date of Completion: - 28/02/2020					

1) Construction of granular sub-base - do - do -

$$\begin{aligned}
 & 2 \times 30' \text{ W} \times 0.750 \times 0.100 = 4.50 \text{ m}^3 \\
 & 2 \times 3 \times 30' \text{ W} \times 0.375 \times 0.100 = 6.75 \text{ m}^3 \\
 & 2 \times 1 \times 20' \text{ W} \times 0.375 \times 0.100 = 1.50 \text{ m}^3 \\
 & \underline{12.75 \text{ m}^3}
 \end{aligned}$$

2) P/L laying & spreading &

Compacting WBM III - do -

$$\begin{aligned}
 & 2 \times 30' \text{ W} \times 0.750 \times 0.075 = 3.375 \text{ m}^3 \\
 & 2 \times 3 \times 30' \text{ W} \times 0.375 \times 0.075 = 5.063 \text{ m}^3 \\
 & 2 \times 1 \times 20' \text{ W} \times 0.375 \times 0.075 = 1.125 \text{ m}^3 \\
 & \underline{9.563 \text{ m}^3}
 \end{aligned}$$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3) Construction of un-reinforced dowel jointed expansion-jointed					
— do —					
2 x 30.00 x 3.75 x 0.160 =					36.00 m ³
5 x 30.00 x 3.75 x 0.160 =					90.00 90.00 m ³
12 x 30.00 x 3.75 x 0.160 =					216.00 m ³
9 x 30.00 x 3.05 x 0.160 =					131.76 m ³
1 x 10.00 x 3.05 x 0.160 =					4.88 m ³
3 x 30.00 x 3.75 x 0.160 =					54.00 m ³
1 x 20.00 x 3.75 x 0.160 =					12.00 m ³
1 x 30.00 x 4.50 x 0.160 =					21.60 m ³

Extra for curve -

2 x 10.00 x $\frac{(3.75 + 4.60 \times 3.75 - 3.75)}{3}$				
				x 0.160 = 0.907 m ³
2 x 9.50 x $\frac{(3.75 + 4.80 + 3.75 - 3.75)}{3}$				
				x 0.160 = 1.064 m ³

Total Qty = 586.21 m³

352.21 m³

4) Construction of subgrade - do -

Adjacent to G.S.B

2 x 600 x 0.720 x 0.10 =				
				86.40 m ³

Adjacent to WBM

2 x 600 x 0.550 x 0.160 =				
				44.50 m ³

Adjacent to CCP

2 x 600 x 0.500 x 0.160 =				
				96.00 m ³

Continuation

Total = 231.90 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. Reinforced Cement Concrete					
Mis grade - do - do -					
(a) K.M Stone - 2.00 Nos					
(b) 200 mm Stone - 4.00 Nos					
6) Plv & fixing of rectro-reflective sign board - do - do -					
(a) 600 mm equilateral triangle Qty = 8.00 Nos					
(b) 600 mm circular - do - Qty = 6.00 Nos					
(c) (600 x 450) mm rectangular - Qty = 2.00 Nos					
7) Plv & fixing M.M.C.S.P. informatory - do - do - 1.00					
Qty = 1.00 Nos					
8) Boundary Pillor Mis grade - do - Qty = 10.00 Nos					
9) Road marking with hot applied thermoplastic - do - do -					
2 x 1020 x 0.10 = 204.00 m ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Construction of embankment - with material obtained from borrow pit - do - do -					
Chainage (m)	Area (m ²)	Mean Area (m ²)	Distance (m)	Qty (m ³)	
0	5.280	—	—		
50	5.430	5.355	50	267.75	
100	4.010	4.720	50	236.00	
150	4.240	4.125	50	206.25	
200	4.000	4.120	50	206.00	
250	4.168	4.084	50	204.20	
300	4.219	4.193	50	209.65	
350	4.210	4.214	50	210.70	
400	4.260	4.235	50	211.75	
450	4.040	4.150	50	207.50	
500	5.34	4.69	50	234.50	
550	6.124	5.732	50	286.60 327.20	
600	6.963	6.544	50	327.20	
650	6.314	6.639	50	331.95	
700	7.140	6.727	50	336.35	
750	7.146	7.143	50	357.10	
800	5.30	6.223	50	311.15	
850	4.960	5.130	50	256.50	
900	4.290	4.625	50	231.25	
950	8.320	6.305	50	315.25	
1000	4.116	6.218	70	435.26 435.90	
	Total Qty. 5382.				910 m ³

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Deduction -					
(a) Subgrade -					231.90 m ²
(b) G.S.B -					319.25 m ²
(c) WBM -					230.00 + 9.653 = 239.653 m ²
(d) PCC -					586.211 m ²
					Total deduction = 1377.011 m ²
Net ElvQty =					5382.910 m ² - 1377.011 m ²
					= 4005.899 m ²
(i) 1000 m lead 30%.					
					4005.899 × 0.30 = 1201.770

(ii) 100 m lead 70%.

$$4005.899 \times 0.70 = 2804.12 \text{ m}^2$$

12) Painting on Concrete
steel Surface do -

Qty vide Item No - 9

Page No - 4

Qty = 47.80 m²

5/9/20
JK

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7/8 Const of granular sub-base - de - UTMBP					
307.50 m ² VTMBP 13					
11.75 m ² VTMBP 12					
✓ 319.25 m ² @ R 2349.59 / m ² R					75010720 ✓
8/9 Plv & laying w/b w/m - de -					
230.00 m ² VTMBP - 23000					
9.653 m ² VTMBP 17					
✓ 239.653 m ² @ R 3131.75 / m ² R					75053320 ✓
9/10 Const of cement concrete pavement de - de					
VTMBP - 18					
234.00 m ² VTMBP - 23400					
2352.21 m ² @ R 6460.00 / m ² R					3786923
✓ 586.21 m ²					20 ✓
10/10 K.M Stone - de - de - VTMBP - 19					
2.00 Nos @ R 2239.35 / each R					447920 ✓
11/200 m Stone - de - de VTMBP - 19					
4.00 Nos @ R 615.71 / each R					226320 ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
applied thermoplastic					
-do- -do-					
VTMBP-19					
204 sqm @ R 951.91/m ² R					194190.20
18 E/W excavation for					
20 foundn -do-					
VTMBP-14					
3891 m ³ @ R 261.90/m ³ R					94052.00
19 1 st class beddng					
-do- -do- VTMBP-14					
2.42 m ³ @ 459.26/m ³ R 1112.20					
20 pcc in open foundation					
22 -do- -do- VTMBP-14					
3.24 m ³ @ R 4821.85/m ³ R					18622.00
21 Head wall in brick					
23 masonm -do- -do-					
VTMBP-14					
28.04 m ³ @ R 5632.20/m ³ R					157927.00
22 Plus laying beamw HPC					
-do- -do-					
VTMBP-14					
10.00 m @ R 3055.99/m R					30560.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
23 plastering with channel sawdust dr. dr.					
VTMBD - 14					
28.04 m ² @ Rs 155.324/m ²					4356 = 00
24 Painting on steel / 26 concrete surfaces					
VTMBP - 21					
47.80 m ² Lt 28.04 m ² @ Rs 133.20/m ²					
					Rs 3749 200
Total Rs					65,26,454 200
less 10% (0.031x) FIR 2023 200					
As per Agt					Rs 65,24,431 200
less for previous FIR 3500000 200					
Payment					Rs 30,24,431 = 00
					5/9/20 JK

Continuation