

M/R 3054, N.M.P.-18

L134 - Panchanpur Mudi Path to Sahbajpur

Schedule XLV Form No. 134.

4 MBD/3054-MP-NMP-18/24-25

E. E. R. W. D

TIKARI

DIVISION

A. E. R. W. D

SUB-DIVISION

Page No. - MR-N/23-24/Tekani-82012

Measurement Book

कारिगरी २, लिह.

1099

प्रमाणित किया जाता है कि इस भाग
 पुस्तक में मशीन द्वारा उचित कुल
 को (100) पृष्ठ हैं। इस भाग
 पुस्तक को (1) सामान्य कमिशन
 ग्राहक को विभाजन कार्य अथवा
 प्रमाणित देकारी का निमित्त
 किया जाता है।

29/6/24
 Executive Engineer
 Rural Works Department
 Jharkhand
 29/6/24

Sch. XLV - Form No. 134

E. E. R.W.D. TIKARI,
 DIVISION
A. E. R.W.D. SUB-DIVISION
2012

Measurement Book

No. 1099

Name of Officer _____

Date of first entry _____

s Date of last entry _____

INDEX

PAGE

Re-issued to Sri Gita Singh, B.E.,
Geehan, Tekari, It contains 100
Pages.

Re
65/01/25
OR

INDEX

PAGE

1. 10/10/1952
2. 10/10/1952
3. 10/10/1952
4. 10/10/1952
5. 10/10/1952
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7. 10/10/1952
8. 10/10/1952
9. 10/10/1952
10. 10/10/1952

1

No. and date of agreement
(These four lines should be repeated at the commencement
of the measurement relating to each work)

1. clearing and grubbing road land — do —		
$2 \times 66 \times 25 \times 0.750$		
$= 2475 \text{ m}^2$		
$= \frac{2475 \text{ m}^2}{10000} = 0.248 \text{ hect}$		
$\therefore \text{ant} = 0.248 \text{ hect}$		
2) const. of subgrade and earthen shoulder		
$2 \times 66 \times 25 \times 0.750 \times 0.30$		
$= 742.50 \text{ m}^3$		
(i) For 1000m length		
80% of 742.50 =		594 m^3
(ii) For 100 m length		
20% of 742.50 =		148.50 m^3

~~4/5/19~~
15/02/25
JE

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Sch. XLV-Form No. 134

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~~6/ Singh~~
~~19/02/23~~
~~JE~~

Continuation

~~6/21/25~~
25/02/25
JE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
Providing and applying					
primer coat with					
bitumen emulsion (SS-1)					
do					
Area used for					
prime coat is					
same as area					
used in WBM gr-II					
= 1765.35 m ²					
					∴ amt = 1765.35 m ²
⑦ Tack coat					
Providing and applying					
tack coat with					
bitumen emulsion (RS-1)					
do					
	62	25	3.75		5812.50 m ²
extra widening	8	30	0.25		60 m ²
				Total	5872.50 m ²
				Limit to	5870.625 m ²
⑧ SDBC					
Providing and Laying					
semidense bituminous					
concrete					
do					
	62	25	3.75	0.025	145.312 m ³
extra widening	8	30	0.25	0.025	1.50 m ³
				Total	146.812 m ³
				Limit to	146.763 m ³

ksingh
23/02/25
JE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Dry lean cement concrete do					
		5X2.0X3.75	0.10		3.75m ³
(10) const. of panel concrete, plain cement concrete pavement do					
		21X3.75			78.75m ²
		20X3.75			74m ²
		8X3.0			24m ²
		20X3.60			72m ²
		18X3.50			63m ²
		12X4.3.80			45.60m ²
		10X2.30			23.0m ²
(11) Total					380.35m ²
∴ ant = 380.35m ² × 0.125m					
					47.543m ³
Limit to 47.349m ³					
∴ ant = 47.349m ³					
(11) Supply and providing NP-3 300 mm dia do					
		12X2.50			30m
(12) Kilometer stone					
(i) Kilometer stone					
				ant =	2 No.
(ii) 200 m stone				ant =	7 No.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Direction and place- identification signs — do —					
					$2 \times 1.20 \times 0.80 = 1.92 \text{ m}^2$
(14) Providing & fixing of retro-reflectorised cautionary, mandatory and informatory sign — do —					
(i) 600 mm equilateral triangle — do —					
				ant =	12 No.
(ii) 600 mm circular board					
				ant =	3 No.
(iii) 600 mm x 450 mm rectangular board — do —				ant =	4 No.
(iv) 900 mm side octagon — do —				ant =	2 No.
(15) Planting of trees by the road side — do —				ant =	78 No.
(16) Road marking with hot applied thermoplastic compound — do —					
(i) For BT portion					
					$2 \times 62 \times 25 \times 0.10 = 310 \text{ m}^2$
(ii) For CC portion					
					$2 \times 4 \times 25 \times 0.10 = 20 \text{ m}^2$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①7 Providing and fixing of typical messy					
informatory sign board					
do					
				ent =	2 No.
⑧ Plastering with cement mortar - do -					
8 X 6.15 X 0.60 =					29.52 m ²
4 X 6.15 X 0.40 =					9.84 m ²
8 X 0.40 X 0.60 =					1.92 m ²
4 X 4.60 X 0.60 =					11.04 m ²
2 X 4.60 X 0.40 =					3.68 m ²
4 X 0.40 X 0.60 =					0.96 m ²
				Total	56.96 m ²
①9 Brick masonry work in cement mortar - do -					
2 X 4.60 X 0.40 X 0.60 =					2.21 m ³
②0 Painting two coats on concrete surface					
do					
8 X 6.15 X 0.60 =					29.52 m ²
4 X 6.15 X 0.40 =					9.84 m ²
8 X 0.40 X 0.60 =					1.92 m ²
4 X 4.60 X 0.60 =					11.04 m ²
2 X 4.60 X 0.40 =					3.68 m ²
4 X 0.40 X 0.60 =					0.96 m ²
				Total	56.96 m ²

Gsingh
19/03/25
JE

Chandran
19/03/25
008

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Clearing and grubbing road land do					
amt = 0.248 hect P-(1)					
@ Rs 76926.08 = Rs					19078
(2) Const. of subgrade of earthen shoulder do					
(i) For 1000m lead					
amt = 594 m ³ P-(1)					
@ Rs 264.72 = Rs					157244
(ii) For 100 m lead					
amt = 148.50 m ³ P-(1)					
@ Rs 173.51 = Rs					25766
(3) Const. of granular subbase do					
amt = 127.50 m ³ P-(2)					
@ Rs 1711.49 = Rs					218215
(4) WBM gr-II Providing, laying, spreading and compacting stone aggregates do					
amt = 110.298 m ³ P-(3)					
@ Rs 3183.07 = Rs					351086
(5) WBM gr-III Providing, laying, spreading and compacting stone aggregates do					
amt = 132.401 m ³ P-(4)					
@ Rs 3183.80 = Rs					421539

Continuation

1192928

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
do					
amt = 1765.35 m ² P-⑤					
@ Rs 57.29 =					Rs 101137 =
⑦ Tack coat					
do					
amt = 5870.625 m ² P-⑤					
@ Rs 19.68 =					Rs 115534 =
⑧ SDBC					
Providing and Laying					
semiclar bituminous					
concrete do					
amt = 146.763 m ³					
P-⑤ @ Rs 11995.66					
= Rs 1760519 =					
⑨ Dry lean cement concrete do					
amt = 3.75 m ³ P-⑥					
@ Rs 3177.783 =					Rs 119172 =
⑩ const. of panel concrete					
plain cement concrete					
pavement do					
amt = 380.35 m ²					
amt = 47.349 m ³ P-⑥					
@ Rs 7378.78 =					Rs 349378 =
⑪ supply and providing N.P-3					
300 mm dia do					
amt = 30 m P-⑥					
@ Rs 645.31 =					Rs 19359 =
Continuation					
					3550772 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Kilometer stone					
(i) Kilometer stone					
ant = 2 No. P- (6)					
@ Rs 2685 =				Rs	5370 =
(ii) 200 m stone					
ant = 7 No. P- (6)					
@ Rs 782.14 =				Rs	5475 =
(13) Direction and place identification signs					
ant = 1.92 m ² P- (7)					
@ Rs 14814.56 =				Rs	28444 =
(14) Providing & fixing of retro-reflectorised					
(i) 600 mm equilateral triangle					
ant = 12 No. P- (7)					
@ Rs 4300.93 =				Rs	51611 =
(ii) 600 mm circular board					
ant = 3 No. P- (7)					
@ Rs 4171.76 =				Rs	12515 =
(iii) 600 mm x 450 mm rectangular board					
ant = 4 No. P- (7)					
@ Rs 4027.23 =				Rs	16109 =

Continuation

3670296

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iv) 900 mm side octagon		do			
ant = 2 No. P-⑦					
@ Rs 8496.54 = Rs					16993=
(15) Planting of trees by the road side		do			
ant = 78 No. P-⑦					
@ Rs 1305.10 = Rs					101798=
(16) Road marking with hot applied Thermoplastic compound		do			
(i) For BT portion					
ant = 310m ² P-⑦					
@ Rs 886.50 = Rs					2748152
(ii) For c/c portion					
ant = 20m ² P-⑦					
@ Rs 1014.49 = Rs					20290=
(17) Providing & fixing of typical messy informatory sign board		do			
ant = 2 No. P-⑧					
@ Rs 10655.42 = Rs					21311=
(18) Plastering with cement mortar 30+33		do			
ant = 56.96m ² P-⑧					
@ Rs 205.83 = Rs					11724=

Continuation

4117228

Continuation

Attachment vide letter No-45 dt. 27.5.25 for
Rs. 49,93,354 Lakh

1st and 15 Final Bill

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Rs. 49,71,034.20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. S.D. @ 5%			—		248552.20
2. I.T. @ 1%			—		49,711.20
3. L.C. @ 1%			—		49,711.20
4. C.G. ST @ 1%			—		49,711.20
5. S.G. ST @ 1%			—		49,711.20
6. Royalty			—		194,653.20
7. S. Fee			—		58,396.20
8. Planting of Trees (mm)					10,17,98.20
Total Deduction			—		80,994.32
					4,16,87,91.20
Payable CFMS Amt -					4,27,05,89.20 by
Total Amount			—		49,71,034.20
Passed for Rs. 49,71,034.20					
(Rs. Forty Nine Lakh seventy one thousand thirty four rupees)					

Executive Engineer
Rural Works Department
Work Division, Tekari

Paid by CFMS
13/6/25

V.N. Bhat 13/6/25