

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

2064 Tekari Kutha road To 540 (VR64) to Amgwan

Schedule XLV Form No. 134.

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

F. E.

R. W. D.

TIKARI
DIVISION

A. E. R. W. D.

SUB-DIVISION

pakgen.- MR-N/23-24/Tekari-8

zonir

Measurement Book

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1098

प्रमाणित किया जाता है कि इस माप
पुस्तक में मशीन द्वारा उचित कुल
नो (100) पृष्ठ हैं। इस माप पुस्तक
को (सहायक कमिश्नर) जयपुर
मिलाता कार्य कर प्रमाणित
देकारी को निगित किया जाता है।

29/6/24

Executive Engineer,
Rural Works Department,
Work Division, Tikari
29/6/24

Sch. XLV - Form No. 134

F. E. R. W. D. TIKARI DIVISION

A. E. R. W. D. SUB-DIVISION

Measurement Book

No. 1098

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Re-issued to Sri Gita Singh, TE,
Sub division, Tokari, It contains
100 Pages.

05/01/75
PB

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No. and date of agreement

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - L064 Tekari Kurtha road, TOS to (UR 64) to Amawan					
Name of Agency - Akhilesh Singh					
Agreement No - 04MBD/30S4MR NMP-18/24-25					
Date of start of work - 26/06/2024					
Date of completion - 25/03/2025					
<u>Measurement</u>					
1. clearing and grubbing road land — do —					
$2 \times 64 \times 25 \times 0.75 =$ $2400 m^2 = \frac{2400}{10000} = 0.24 \text{ hect}$					
2. const. of subgrade and earthen shoulders — do —					
$2 \times 64 \times 25 \times 0.75 \times 0.30 = 720 m^3$					
(3) const. of granular sub-base by providing well graded material — do —					
$3 \times 11 \times 0.90 \times 0.175 = 5.1975$ $4 \times 12 \times 1.70 \times 0.175 = 14.28$ Continuation $5 \times 10.50 \times 1.75 \times 0.175 = 16.0781$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	12.50	0.75	0.175	3.281m ³
	6	13.25	1.50	0.175	20.868m ³
	10	11.50	2.00	0.175	40.25m³
	13	9.00	0.50	0.175	10.237m ³
	11	25	4.00	0.175	192.50m ³
	1	5	4.00	0.175	3.50m ³
	3	10	0.80	0.175	4.20m ³
			Total		270.141m ³
			Limit to		267.830m ³
WBM gr-II Providing, laying, spreading and compacting stone aggregates do					
	3	11	0.90	0.075	2.227m ³
	4	12	1.70	0.075	6.120m ³
	5	10.50	1.75	0.075	6.890m ³
	2	12.50	0.750	0.075	1.406m ³
	6	13.25	1.50	0.075	8.943m ³
	13	9.00	0.50	0.075	4.387m ³
	3	10	0.80	0.075	1.80m ³
	10	9.50	1.70	0.075	12.112m³
	15	7.5	2.10	0.075	17.718m³
	20	5.5	1.60	0.075	13.20m ³
	7	13.0	1.50	0.075	10.237m³
			Total		85.04m ³
			Limit to		44.973m ³
			Limit to		43.207m ³

Continuation

 Using
 21/02/25
 JE

 By
 21/2/25
 05

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
WBmge-III					
(5) Providing, laying, spreading and compacting stone aggregates - do -					
3x11x0.90x0.075=					2.227m ³
4x12x1.70x0.075=					6.120m ³
5x10.50x1.75x0.075=					6.890m ³
2x12.50x0.75x0.075=					1.406m ³
6x13.25x1.50x0.075=					8.943m ³
13x9.0x0.50x0.075=					4.387m ³
3x10x0.80x0.075=					1.80m ³
10x9.50x1.70x0.075=					12.112m ³
15x7.5x2.10x0.075=					17.718m ³
20x5.5x1.60x0.075=					13.20m ³
7x13.0x1.50x0.075=					10.237m ³
20x8.5x2.0x0.075=					25.50m ³
16x6.5x2.10x0.075=					16.38m ³
18x7.90x2.20x0.075=					23.463m ³
41x2.5x3.750x0.075=					77.343m ³
1x5x3.750x0.075=					1.406m ³
Total					229.132m ³
Limit to					126.920m ³
Gain					217.40m ³
					125.731
(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 WBmge-III					
Continuation					
P- (3) vide TMB					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Earthwork in excavation					
do					
2 x 7.6 x 2.2 x 1.60 =					53.50 m ³
4 x 1.75 x 1.90 x 1.60 =					21.28 m ³
1 x 6.20 x 0.40 x 0.250 =					0.620 m ³
Total					75.40 m ³
Limit to					74.321 m ³
(10) Sand filling in found.					
trenches do					
1 x 6.20 x 1.73 x 0.10 =					1.072 m ³
Limit to					1.010 m ³
(11) Providing PCC m-15 concrete					
in open found.					
do					
2 x 7.60 x 2.2 x 0.20 =					6.688 m ³
4 x 1.75 x 1.90 x 0.20 =					2.66 m ³
1 x 6.20 x 1.73 x 0.150 =					1.516 m ³
Limit to					1.608 m ³
Total					10.956 m ³
(12) Providing PCC m-15 concrete					
in open found.					
do					
Below G.L.					
2 x 6.80 x 1.633 x 1.40 =					31.092 m ³
4 x 1.75 x 1.430 x 1.40 =					14.014 m ³
2 x 1.20 x 0.60 x 1.40 =					2.016 m ³
Total					47.122 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Plain/reinforced cement concrete in substructure					
do					
2X 6.0 X 0.92 X 1.30 =					14.352 m ³
4X 1.90 X 0.70 X 1.60 =					8.512 m ³
Total					22.864 m ³
Unit to					22.686 m ³
(14) Plain/reinforced cement concrete (m-20) in substructure do					
Abutment cap 2X 6.0 X 0.70 X 0.20 =					1.680 m ³
Dirt wall 2X 6.0 X 0.40 X 0.240 =					1.152 m ³
2X 5.0 X 0.40 X 0.60 =					2.400 m ³
Total					5.232 m ³
(15) RCC m-25 in Deck slab, Providing and laying RCC in Deck slab m-25 do					
1X 6.0 X 2.560 X 0.240 =					3.686 m ³
(16) Supplying, fitting and placing HYSD bar reinforcement do					
Abutment cap & Dirt wall					
2.832 m ³ X 70 kg/m ³ =					198.24 kg
Deck slab 3.686 m ³ X 80 kg/m ³ =					294.88 kg
Total					493.120 kg
Continuation					= 0.493 MT (say)

Continuation of Feb 41.28m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22) Dry lean cement concrete — do —					
4x4x3.75x0.10 =					6.0 m ³
(23) const. of panel concrete, plain cement concrete pavement — do —					
22x3.65 =					80.30 m ²
3x20x3.75 =					225 m ²
1x25x3.85 =					96.25 m ²
1x30x3.75 =					112.50 m ²
3x30x3.85 =					346.50 m ²
2x25x3.80 =					190 m ²
1x25x $\frac{(3.85+3.75)}{2}$ =					95 m ²
1x18x $\frac{(2.75+3.85)}{2}$ =					59.40 m ²
Total					1204.95 m ²
∴ ant = 1204.95x0.125					
∴ Total ant =					150.618 m ³
(24) supply and providing NP-3 300mm dia — do —					
15x2.50 =					37.50 m
(25) kilometre stone — do —					
(i) km stone — ant =					2 No.
(ii) 200m stone — ant =					1 No.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26) Retro-reflectorised traffic signs					
<u>do</u>					0.960 m ²
2x 1.20 x 0.80 =					1.92 m²
(27) Providing and fixing of retro-reflectorised cautionary, mandatory and informative signs					
<u>do</u>					
(i) 600mm equilateral triangle					
<u>do</u>				ant =	740.5 No.
(ii) 600mm circular				ant =	1.0 No.
(iii) 600mm x 450mm rectangular board					3 No.
<u>do</u>				ant =	640.
					3 No.
(iv) 900mm side octagon					
<u>do</u>				ant =	1.0 No.
(28) Planting of trees by the road side					
<u>do</u>				ant =	64 No.
(29) Road marking with hot applied Thermoplastic compound					
<u>do</u>					
(i) for BT portion					
2 x 128.0 x 0.10 =					256 m ²
(ii) for CC portion					
2 x 320 x 0.10 =					64 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30) Providing & fixing of typical messy informatory sign board with logo					
		do		cont =	2 NO.
Gsingh 19/03/25 JE					
Q 19/03/25 JB					

Material statement				
(1)	E/W =	720 m ³		
(2)	stone metal aggregates =	632.016 m ³		
(3)	Local sand =	137.128 m ³		
(4)	stone screening =	41.746 m ³		
(5)	coarse sand =	110.835 m ³		
(6)	Bitumen emulsion (SS-1) =	1.420 MT		
(7)	Bitumen emulsion (RS-1) =	1.329 MT		
(8)	Bitumen material (V-10) =	13.984 MT		
(9)	crushed stone aggregates =	178.953 m ³		
Gsingh 19/03/25 JE				

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. cleaning and grubbing road land - do -					
amt = 0.24 hect P-①					
@ Rs 76926.08 = Rs					18462 =
2) const. of subgrade and earthen shoulder do -					
amt = 720 m ³ P-①					
@ Rs 264.72 = Rs					190598
173.510					124927 =
3) const. of granular subbase do -					
amt = 267.83 m ³ P-②					
@ Rs 1964.76 = Rs					526230 =
4) WBM gr-II Providing, laying, spreading and compacting stone aggregates do -					
amt = 43.207 m ³ P-②					
@ Rs 3711.96 = Rs					160383 =
WBM gr-III					300705 =
5) Providing, laying, spreading and compacting stone aggregates do -					
amt = 125.931 m ³ P-③					
@ Rs 3648.66 = Rs					793233 =
					459479 =
6) Prime coat do -					
amt = 1679.078 m ² P-④					
@ Rs 57.34 = Rs					166212 =
57.270					96161 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Tack coat					
do					
amt = 484.8 m ² P-(4)					
@ Rs 19.670 = Rs					95457 = 95360 =
(8) SDBC, Providing and laying semicourse bituminous concrete					
do					
amt = 121.20 m ³ P-(4)					
@ Rs 12844.90 = Rs					1556802 = 12466.300 = 1510916 =
(9) Earthwork in excavation					
do					
(27)					
amt = 74.321 m ³ P-(5)					
@ Rs 434.82 = Rs					32316 = 405.830 = 30162 =
(10) Sand filling in found. trenches					
do					
amt = 1.072 m ³					
amt = 1.010 m ³ P-(5)					584 =
@ Rs 604.74 = Rs					610.79 = 578.656 = 611 =
(11) Providing PCC m-15 concrete in open found.					
do					
amt = 10.956 m ³ P-(5)					
@ Rs 62.92 + amt = 47.122 m ³					
P-(5) = 58.078 m ³					
@ Rs 6292.56 = Rs					365459 = 5956.960 = 345968 =

Continuation

3368.632 =

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(12) Plain/reinforced (31) cement concrete in substructure do				
ent = 2.2.686 m ³ P-(6)				
@ Rs 6413.720				145502 =
Rs 6774.45 =				153685 =
(13) Plain/reinforced cement (32) concrete (m-20) in substructure do				
ent = 5.232 m ³ P-(6)				
@ Rs 7273.87 =				35998 =
Rs 6880.330 =				48531 =
				38057 =
(14) RCC m-25 in deck (33) slab — do —				
ent = 3.686 m ³ P-(6)				
@ Rs 6961.020				25658 =
Rs 7375.10 =				27185 =
(15) Supplying, fitting and (34) Placing HYSD bar reinforcement — do —				
ent = 0.493 MT P-(6)				
@ Rs 80671 =				39771 =
Rs 75327.47 =				37136 =
(16) Providing and filling joint (35) sealing compound do				
ent = 1.2 Rm P-(7)				
@ Rs 59.85 =				718 =
Rs 55.860 =				670 =

Continuation

3613596

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17 Providing weedholes in plain reinforced concrete — do —					
ant = 24 No. P-(7)					
@ Rs 305.90 = Rs					7342 =
18 Painting on parapet wall — do —					
ant = 16.96 m ² P-(7)					
ant = 16.96 m² P-(7)					
+ + ant = 411.28 m ² P-(7)					
= 58.24 m ² @ Rs 139.16 = Rs					5745 =
58.24 m ² limit to 53.76					Rs 8105 =
					Rs 7481 =
18 Plastering with cement mortar — do —					
ant = 411.28 m ² P-(7)					
200.250					8266 =
@ Rs 213.16 = Rs					8799 =
19 Dry lean cement concrete — do —					
ant = 6.0 m ³ P-(8)					
3605.526					21633 =
@ Rs 3683.05 = Rs					22098 =
20 const. of panel concrete.					
10 Plain cement concrete pavement — do —					
ant = 150.618 m ³ P-(8)					
7806.410					1175786 =
@ Rs 7806.96 = Rs					1175869 =
21 Supply and providing NF-3 300 dia — do —					
ant = 37.50 m P-(8)					
@ Rs 597.43 = Rs					22404 =
Continuation 645.310					24199 =
					4850961

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22 (22) Kilometer stone					
22 do					
17 (i) km stone					
ent = 2 No. P- (8)					
@ Rs 2793.66 = Rs					5587.32
2697.55 = Rs					5395.10
(ii) 200 m stone					
19 ent = 7 No. P- (8)					
@ Rs 784.170 = Rs					5489.19
801.46 = Rs					5610.28
22 (23) Retro-reflectarised					
23 traffic signs - do -					
15 ent = 0.966					
1.92 m ² P- (9)					
@ Rs 14914.55 = Rs					28636.65
14821.090 = Rs					14228.50
25 (24) Providing & fixing					
24 retro-reflectarised					
19 do					
(i) 600 mm equilateral					
triangle -					
ent = 5 No. P- (9)					
@ Rs 4375.92 = Rs					30631.60
4305.830 = Rs					21529.55
(ii) 600 mm circular					
board - do -					
18 ent = 18 No. P- (9)					
@ Rs 4246.75 = Rs					12740.25
4176.66 = Rs					4177.10
(iii) 600 mm x 450 mm					
19 rectangular board					
ent = 3 No. P- (9)					
@ Rs 4102.22 = Rs					16409.22
4032.130 = Rs					12096.39

Continuation

4913875=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iv) 900 mm side octagon		do			
(20) ant = 1 No. P- (9)					
@ Rs 8571.582 8501.490					47143= 8501
(25) Planting of trees by the road side		do			
(21) ant = 64 No. P- (9)					
@ Rs 1305.10					83526=
(26) Road marking with hot applied Thermo-plastic compound		do			
(i) ant For BT portion					
(23) ant = 256 m ² P- (9)					
@ Rs 886.50					Rs 226944
(ii) For CC portion					
(24) ant = 64 m ² P- (9)					
@ Rs 1014.49					Rs 64927
(28) Providing & fixing of typical masonry		do			
(27) ant = 2 No. P- (10)					21330
@ Rs 40806.11 10665.220					Rs 21612
C/o Total					Rs 6063883
					5319103

C/o Total Rs 5319103
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	Rs	6063883:-
			Total	Rs	6063883:-
			B/F	Rs	5319103:-
			Total	Rs	5319103:-
Add WST - 18.1. (⊕)				Rs	957439:-
Add Labour and 1-1. (⊕)				Rs	53191:-
Add seigniorage fee (⊕)				Rs	56112:-
			Total	Rs	6385845:-
Less 0.25% go per agreement				Rs	15965:-
			Total	Rs	6369880:-
			Total	Rs	6369880:-
Gaining 19/03/25 JE					Rs 19/02/25 DE
comp 11/6/25					

Attachment Vide Letter No. - 45 dt 27-5-25 for A
Rs. 6561870 Lakh

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Rs. 6369880 20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>1st and Final Bill</u>					
1. L. & J. @ 5%			—		318474 20
2. I. T. @ 1%			—		63699 20
3. L. Cess @ 1%			—		63699 20
4. CGST @ 1%			—		63699 20
5. SGST @ 1%			—		63699 20
6. Royalty			—		198578 20
7. S. Fee			—		56112 20
8. Planting & Trees (MD)					83526 20
Total Deduction					911506 20
Payable CFMS Amount					5458374 20
Total Amount					6369880 20
passed for Rs. 6369880 20					

(Rs. sixty three lakh sixty nine thousand -
eight hundred eighty only)

Executive Engineer
Rural Works Department
Work Division, Tekari

Paid by CFMS
13/6/25

V.N. 20/13/6/25

Continuation