

3054MR-N.M.P-18
MR-H/2021-22/Tekari-4

Schedule XLV Form No. 134.

Nom to Dhibariya

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

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

Measurement Book

अतिमात नो 2 (10) 1030
M/s Shrikatyayini Commercial Pvt. Ltd.

1st on P/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.	
Name of work - Mori to Dhibariya					
Agency - Shrikalyayini commercial Pvt. Ltd.					
Agreement No - 11M80/3054 M.E.N.P-18 of 2023-2024					
Date of start of work - 04/08/23					
Date of completion - 03/05/24					
<u>Measurement</u>					
1. clearing and grubbing road					
Land - do -					
$2 \times 1990 \times 1.0 = 3980m^2$					
$= \frac{3980}{10000} = 0.398 \text{ hect.}$					
$\therefore \text{amt} = 0.398 \text{ hect}$					
2. Scarifying Existing Bituminous surface					
do -					
4490 $\times 3.750 =$					
$2 \times 25 \times 3.750 = 187.50m^2$					
$2 \times 30 \times 3.750 = 22.5m^2$					
Total 412.50m ²					
Limit to 379.35m ²					

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ Const. of subgrade & earthen shoulder					
do					
	2X	1686X	0.4	=	
	2X	1690X	1.0X	0.40	
	2X	1690X	0.40	=	1352m ³
	2X	300X	1.0X	0.30	
	2X	300X	0.30	=	180m ³
			Total		1532m ³
			Limit to		1528.80m ³
④ Const. of granular sub-base					
④ W.B.M.C. - II					
Providing, laying, spreading and compacting					
Stone aggregate					
	3X	10.50X	3.50X	0.075	8.268m ³
	7X	6.35X	2.13X	0.075	7.1m ³
	9X	5.15X	3.02X	0.075	10.50m ³
	6X	5.6X	2.74X	0.075	6.90m ³
	5X	8.72X	2.81X	0.075	9.19m ³
	5X	6.85X	2.24X	0.075	5.75m ³
	4X	9.0X	3.25X	0.075	8.775m ³
	8X	6.50X	2.50X	0.075	9.75m ³
	4X	7.08X	3.14X	0.075	6.62m ³
			Total		72.853m ³
			Total		62.353m ³
			Limit to		61.76m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) 1-1 Bridge - II					
Providing, laying, spreading and compacting stone aggregates - do -					
6 X	10.50	3.50	0.075		16.537m ³
14 X	6.35	2.13	0.075		14.201m ³
12 X	5.6	2.74	0.075		13.809m ³
10 X	5.72	2.81	0.075		18.377m ³
10 X	6.85	2.24	0.075		11.508m ³
8 X	9.0	3.25	0.075		17.55m ³
16 X	6.50	2.50	0.075		19.50m ³
8 X	7.03	3.14	0.075		13.244m ³
10 X	8.60	2.90	0.075		18.705m ³
Total					143.431m ³
Limit to					141.88m ³

(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
 i.e. 441 P- (3) item - (5)
 i.e. $\frac{141.88}{0.075} = 1891.733m^2$
 $\therefore \text{Amt} = 1891.733m^2$

Continuation

Area used for mss
is same as area
used in tack coat

P-(4) item - (7)

= 1891.733 m²

$\therefore \text{ent} = 1891.733 \text{ m}^2$

extra widening

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Semidense bituminous concrete (SDBC)					
Providing and laying					
and semidense bituminous concrete. — do —					
30X25X3.75X0.025					70.312m ³
2.6X25X3.80X0.025					61.750m ³
1X15X(7+6) ² X0.025					2.437m ³
1X15X(6+3.75) ² X0.025					1.828m ³
1X15X(4.5+3.75) ² X0.025					1.546m ³
3X15X3.30X0.025					3.712m ³
extra widening 5X25X0.50X0.025					1.562m ³
				Total	143.147m ³
(11) const. of un-reinforced plain cement concrete pavement — do —					
16X25X3.75X0.1					150m ³
2X25X3.70X0.1					18.50m ³
2X25X3.60X0.1					18.0m ³
Profile correction 15X5X3.5X0.1					26.25m ³
				Total	212.750m ³
				limit to	212.10m ³
(12) Kilometer stone.					
(i) Km stone — ant: 4 No.					
(ii) 200m stone — ant: 8 No.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Providing and fixing of retro-reflectorized sign board					
do					
(i) 600mm equilateral triangle					14 No.
(ii) 600mm circular board					4 No.
(iii) 600mm x 450 mm rectangular board					
do					4 No.
(14) Planting of trees by the road side					
do					
					84 No.
(15) Road marking with hot applied Thermoplastic Compound					
do					
(i) For BT surface					
2X 1490X 0.10					29
5X 5.0X 0.50X 2					25
					Total 32
(ii)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Providing and fixing of typical masonry in form- actory sign board with logs					
				ent =	3115.
(17) Laying cement concrete pipe NP3					
4x10 = 40				ent =	410 Rm
(18) Boundary stones					
				ent =	2.6 No.
(19) Earth work in excavation					
do					
50x1.3x1.5 =					97.50m ³
(20) Providing PCC m-15 concrete in open found					
do					
50x1.3x0.15 =					9.75m ³
(21) Providing concrete for plain/reinforced concrete in open found - do - PCC m-20					
50x (1.15+0.4) x 2.275 =					88.16m ³
2					= 88.156m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36) Plastering with cement mortar on brick work — do —					
8 X 6.0 X 2.0 =					96m ²
16 X 6.0 X 0.60 =					57.60m ²
8 X 6.0 X 0.40 =					19.20m ²
16 X 0.40 X 0.60 =					3.84m ²
Total					176.64m ²
(37) Painting two coats on new concrete surface — do —					
8 X 6.0 X 2.0 =					96m ²
16 X 6.0 X 0.60 =					57.60m ²
8 X 6.0 X 0.40 =					19.20m ²
16 X 0.40 X 0.60 =					3.84m ²
Total					176.64m ²
Grading 23/10/24 JE.					

Continuation

Abstract of cost

14 1st A/C

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. clearing & grubbing road					
Land		do			
amt =	0.398	hect P-①			
item - ① @ Rs	56526.51				
				Rs	22498
2. Scarifying existing bituminous surface					
		do			
amt =	379.35	m ² P-①			
item - ② @ Rs	1847			Rs	7007
③ const. of subgrade of earthen shoulder					
		do			
amt =	1528.80	m ² P-②			
item - ③ @ Rs	221.17			Rs	338125
④ WBM gr - II					
		do			
amt =	61.76	m ³ P-②			
item - ④ @ Rs	2295.61			Rs	141777
⑤ WBM gr - III					
		do			
amt =	141.88	m ³ P-③			
item - ⑤ @ Rs	2241.05			Rs	317960
				Rs	317970

Continuation

827377-
Rs. 8,27,367



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36) Plastering with cement mortar on brick work					
do					
ent = 176.64 m ²				P- (12)	
item - (36) @ Rs 144.28 =					
				Rs	25486=
(37) Painting two coats on new concrete surface					
do					
ent = 176.64 m ²				P- (12)	
item - (37) @ Rs 103.40 =					
				Rs	18265=
				Total Rs	6081946
				Rs. 60	79521=

Add GST - 12.1. (1)	Rs	729834=
Add Labourers 1.1. (1)	Rs	60819=
Add Storage fee (1)	Rs	60795=
	Rs	193123=
	Rs	53447=
	Total Rs	7065722=
		6923306=
Less 2.99% as per agreement	Rs	211265=
	Total Rs	685445
		6716299
	Total Rs	64685445
	Total Rs	6854457
Closing JE	23/10/24	

Continuation

608194



Sen. XLV Form No. 134

25 1697899

Executive Engineer
RWD, Works Division
Tekari

17.4
V.H. 3 d + 2 1/11/24

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. clearing & grubbing road					
Land - do -					
amt = 0.398 hect				P-(14)	
item - (1) @ Rs 56526.51 =					Rs 224982
2. Scarifying existing bituminous surface					
do -					
amt = 379.35 m ²				P-(14)	
@ Rs 18.47 =					Rs 7007
(3) const. of subgrade & earthen shoulder					
do -					
amt = 1528.80 m ³				P-(14)	
@ Rs 221.17 =					Rs 338125
(4) WBM gr - II					
do -					
amt = 61.76 m ³				P-(14)	
@ Rs 2295.61 =					Rs 141777
(5) WBM gr - III					
do -					
amt = 141.88 m ³				P-(14)	
@ Rs 2241.05 =					Rs 317960
(6) Prime coat					
do -					
amt = 1891.733 m ²				P-(15)	
@ Rs 55.71 =					Rs 105388

Continuation



Particulars	Details of actual measurement				Quantity in m³
	No.	L.	B.	H.	
⑦ Tack coat for mss do					
amt = 1891.733 m²					
P-(15) @ Rs 18.982 Rs 35905					
⑧ Patch work over wbm using mss - do					
amt = 1891.733 m² P-(15)					
@ Rs 219.15 = Rs 414573					
⑨ Tack coat for SDBC. - do					
amt = 5726 m² P-(15)					
@ Rs 15.82 = Rs 90585					
⑩ Providing & casting semi-dense bituminous concrete - do					
amt = 143.147 m³ P-(15)					
@ Rs 11676.44 = Rs 1671447					
⑪ const. of unreinforced plain cement concrete do					
amt = 212.10 m³ P-(16)					
@ Rs 5613.32 =					
					Rs 119058
⑫ Kilometer stone (i) km stone - do					
amt = 4ND. P-(16)					
@ Rs 2089.25 = Rs 8357					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 200 mm stone					
ant = 8 No. P- (16)					
@ Rs 641.73 = Rs					51342
(13) Providing & fixing of					
retro-reflectorised					
sign board					
do					
(i) 600 mm equilateral					
triangle					
ant = 14 No. P- (16)					
@ Rs 3551.51 = Rs					49721
(ii) 600 mm circular					
board - do					
ant = 4 No. P- (16)					
@ Rs 4742.19 = Rs					18969
(iii) 600 mm x 450 mm					
rectangular board					
do					
ant = 4 No. P- (17)					
@ Rs 4620.31 = Rs					18481
(14) Planting of trees by					
the road side					
do					
ant = 84 No. P- (17)					
@ Rs 981.94 = Rs					82483
(15) Road marking with					
hot applied - do					
on BT cutback					
ant = 323 m ² P- (17)					
@ Rs 721.66 = Rs					233096

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Providing & fixing of typical masonry chimered with 1:4:8 do					
ent = 3 NO. P-18					
@ Rs 9429.13					28287
⑦ Laying cement concrete pipe NP-3-dia					
ent = 40 Rm P-18					
@ Rs 725.78					29031
⑧ Boundary stiers					
do					
ent = 26 No. P-18					
@ Rs 551.49					14339
⑨ Earthwork in excavation					
do					
ent = 97.50 m ³ P-18					
@ Rs 325.64					31750
⑩ Providing PCC m-15 concrete					
do					
ent = 9.75 m ³ P-18					
@ Rs 4418.81					43083
⑪ Providing concrete for plain reinforced concrete in open found.					
do					
ent = 88.156 m ³ P-19					
@ Rs 4891.93					431253

Continuation

Sch. XIV Form No. 134

Particulars	Quantity of work done			Expense of work
	No.	L.	P.	
(20) Paving concrete for flooring of main door				
amt = 1.44 m^2 P- (19)				
@ Rs 116.12 = Rs				167.21
(21) Paving with tiles				
amt = 50.49 P- (19)				
@ Rs 119.49 = Rs				5975.2
(22) Dismantling of existing structure				
amt = 9.60 m^3 P- (19)				
@ Rs 485.72 = Rs				4661.2
(23) Dismantling of existing structure				
amt = 37.50 m^3 P- (19)				
@ Rs 262.56 = Rs				9846
(24) Earthwork in excavation				
amt = 361.92 m^3 P- (25)				
@ Rs 322.64 = Rs				31326
(27) Sand filling in ground				
amt = 1.284 m^3 P- (25)				
@ Rs 531.91 = Rs				667

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(33) RCC m-25 in Deck slab — do —					
amt = 4.608 m ³ P- (21)					
@ Rs 6156.76 = Rs 28370 =					
(34) Supplying, filling and Placing HYSD bar — do —					
amt = 0.662 MT P- (21)					
@ Rs 79408.33 = Rs 52568 =					
(35) Brick masonry work in cement mortar — do —					
amt = 11.52 m ² P- (21)					
@ Rs 5769.54 = Rs 66465 =					
(36) Plastering with cement mortar on brick work — do —					
amt = 176.64 m ² P- (22)					
@ Rs 144.28 = Rs 25486 =					
(37) Painting two coats on new concrete surface — do —					
amt = 176.64 m ² P- (22)					
@ Rs 103.40 = Rs 18265 =					
(38) Road marking on CC — portion — do —					
amt = 100 m ² P- (24)					
item - ① @ Rs 752.44 = Rs 75244 =					
C/o Continuation Total Rs 6154765 =					
P.T.O					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	Rs	6154765=
					/
			Total	Rs	6154765=
Add INST-12	1.	(+)	Rs		738572=
Add Labour	1.	(+)	Rs		61548=
Add seigniorage fee	(+)		Rs		53447=
			Total	Rs	7008332=
Less 2.99% as per agreement			(-) Rs		209549=
			Total	Rs	6798783=
Less previous bill					
P-23 amount paid			(-) Rs		6716299=
			Total	Rs	82484=
					/
			Total	Rs	82484=
G Singh 26/03/25 JE			G Singh 26/03/25 JE		