

Tardikha to Chikra mmcsvy-SC

Schedule XLV-Form No. 134

R.W.D. PHULPARAS DIVISION

SHIBHARDE HA SUB-DIVISION

M.B.N. 503/2025

MEASUREMENT BOOK

Contractor Name - Sures Kumar Yadav

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5th & final bill					
Name of Work:-	Repair of Road from				
	PMGSY Tardika to				
	Chikna (Under PMGSY, SL)				
Agency:-	Saroj Kumar Yadav				
Agreement no-	03/MD/2024-25.				
Rate quoted-	6.27% Below.				
Date of start-	08/08/2024.				
Date of completion-	07/08/2025.				
Date of measurement-	15/07/2025.				
Work done					
Item ①	Prov. & fixing of				
	working bench mark				
	pillars -- do -- do -- E/g.				
	Qty = 0.35 km.				
Item ②	clearing & grubbing				
	road land (By manual				
	means) -- do -- do -- E/g				
	$2 \times 1 \times 30.00 \times 2.00 = 120.00 \text{ m}^2$				
	Hect = $120.00 \text{ m}^2 / 10000 = 0.012 \text{ Hec}$				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1)	Prov. & fixing of working bench mark pillar -- do -- do -- etc				
	4.0 km	vide	T.M.P.	(35)	
	0.35 km	vide	T.M.P.	(40)	
	4.35 km	at	15127.60/km-ls		65805.00
(2)	Clearing & grubbing road land -- do -- etc				
	1.742 Hect.	vide	T.M.P.	(35)	
	0.012 Hect.	vide	T.M.P.	(40)	
	1.734 Hect.				
		at	76926.08/Hect-ls		133390.00
(3)	Scarifying the existing bituminous surface do etc				
	8133.78 m ²	vide	T.M.P.	(35)	
	3.68 m ²	vide	T.M.P.	(40)	
	8137.46 m ²				
		at	15.42/m ²		Rs. 125480.00
(4)	Construction of embankment with material obtained from borrow pits -- do -- do -- do -- etc				
	For 1000m length				
	1591.90 m ²	vide	T.M.P.	(49)	
		at	253.61/m ³		Rs. 403722.00
	Continuation				Rs. 7,28,397.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					DFR: 728397=00
For 100 m lead.					
3714.44 m ³ side Tm P- (47)					
els 186=17/m ³ — Rs 6,91,517=00					
⑤ Construction of sub-grade & another shoulder for 1000 m lead-El					
1817.62 m ³ side Tm P- (42)					
els 256=09/m ³ — Rs 4,65,474=00					
⑥ Prov. laying spreading & compacting graded stone aggregates of specific grades to WBM Gr. III — do — do — El					
911.55 m ³ side Tm P- (35)					
11.15 m ³ side Tm P- (42)					
922.70 m ³					
els 6227=11/m ³ — Rs 57,47,600=00					
⑦ Prov. laying, spreading & compacting graded stone aggregate to WMM spec — do — do — El					
718.91 m ³ side Tm P- (35)					
11.39 m ³ side Tm P- (43)					
730.30 m ³					
els 6126=28/m ³ — Rs 44,74,022=00					
Continuation					Rs 1,21,07,010=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF 12	07010=00
(8) Prov. & applying primer					
Coat with bitumen emul-					
-sion (SS-1) --- do --- E/P					
7936.61 m ² wide Tm 13 P- (36)					
462.75 m ² wide Tm 13 P- (43)					
8399.36 m ²					
@ 55=07/m ² — 119 462,553=00					
(9) Prov. & applying tack					
Coat with bitumen emul-					
-sion (RS-1) --- do --- E/P					
9961.61 m ² wide Tm 13 P- (36)					
3109.12 m ² wide Tm 13 P- (43)					
3109.12 m ² wide Tm 13 P- (44)					
16179.85 m ²					
@ 18=90/m ² — 12305799=00					
(10) Prov. & laying 10 m.					
with 100-120 TPH batch					
type H.M.P. --- do --- E/P					
396.75 m ³ wide Tm 13 P- (36)					
7.95 m ³ wide Tm 13 P- (44)					
404.70 m ³					
@ 12689=17/m ³ — 5135307=00					
(11) Prov. & laying S.D.B.C.					
with 100-120 TPH batch					
type H.M.P. --- do --- E/P					

Continuation

180,10,669=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF 1,801,669=00
198.34 ³ m ³ vide Tm R.P. (36)					
3.98 ³ m ³ vide Tm R.P. (44)					
20239 ³ m ³					
					el 15151=17/m ³ - 1330,6538500
(12) Construction of Road Concrete, All pavement (M-30 grade) - do - E19					
1026.37 ³ m ³ vide Tm R.P. (35)					
5.86 ³ m ³ vide Tm R.P. (44)					
1032.23 ³ m ³					
					el 10583=61/m ³ - 1310924720=00
(13) Pav. & fixing of R.C.C. M-15 grade km - do E19					
(i) 5 1/2 km stone (precast)					
01 nos. vide Tm R.P. (47)					
					el 5480=73/nos - 135481=00
(ii) ordinary km. stone (precast)					
04 nos. vide Tm R.P. (49)					
					el 3327=58/nos - 1313310=00
(iii) 200 M stone (precast)					
19 nos. vide Tm R.P. (49)					
					el 881=24/nos - 1316744=00
					el 132036309=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF 15320	36309=00
(14) Prov. & fixing of typical mm GSV4 informative sign board with logo do etc.					
02 Nos. vide Tm R.P. (36)					
04 Nos. vide Tm R.P. (50)					
06 Nos.					
el 15783=55/nos. 94701=00					
(15) Provision of 15 nos. rubble strips do. etc.					
13.50 m ² vide Tm R.P. (50)					
el 313=01/m ² 12 4226=00					
(16) Prov. & fixing of retro reflective cautionary, mandatory & informative sign board. do. do. etc.					
(i) 600 mm sq. & triangle					
12 Nos. vide Tm R.P. (37)					
el 5251=28/nos. 63015=00					
(ii) 600 mm circulars					
16 Nos. vide Tm R.P. (37)					
el 6575=00/nos. 121, 05200=00					
(iii) 600 x 450 mm Rectangulars					
10 Nos. vide Tm R.P. (37)					
el 6439=50/nos. 12 64395=00					
				el 100.323	67846=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			0.66	3.23	67846=00
(16) 9.00 m side octagon					
04 nos. side Tm P. (37)					
els 10,629=53/ nos. Re					42518=00
(17) Prov. & laying Road marking with hot applied thermoplastic compound - do - E/S					
420.00 m ² side Tm P. (36)					
3.00 m ² side Tm P. (50)					
423.00 m ²					
els 1146=72/m ² - Re					485063=00
(18) Prov. & laying Road marking with hot applied thermoplastic compound as concrete surface - do - do - do - E/S					
420.00 m ² side Tm P. (36)					
16.00 m ² side Tm P. (50)					
436.00 m ²					
els 1266=17/m ² - Re					552050=00
(19) Planting of trees by the road side - do - E/S					
83 nos. side Tm P. (51)					
els 1305=10/nos - Re					108323=00
					40833555800=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF 033555800=00	
(20) E/W in excavation for structure - do - E/g					
164.70 m ³ vide Tm P- (51)					
el 405 = 83/m ³ — 12					66840=00
(21) PCC M-15 (1:2.5:5) in open top - do - E/g					
16.47 m ³ vide Tm P- (51)					
el 8564 = 56/m ³ — 12					1,41058=00
(22) PCC M-15 (1:2.5:5) in substructure					
--- do --- do --- E/g					
159.60 m ³ vide Tm P- (51)					
el 9238 = 55/m ³ — 12					1474473=00
(23) Prov. weep holes					
--- do --- do --- E/g					
122 nos. vide Tm P- (52)					
el 148 = 49/nos — 12					18116=00
(24) Prov. 2 layering filter material - do - E/g					
18.30 m ³ vide Tm P- (52)					
el 5376 = 73/m ³ — 12					98760=00
				el 35355047=00	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. 353		55047=00
(25) Prov. & laying of 7 RCC pipe culvert, 300mm dia. -- do -- do -- E/P.					
33.00 Rm. wide T.M.P. (52)					
els 1021 = 951 Rm. -- 13					33724=00
(26) Parapet construction P/RCC (M25) in S.K.B. Structure -- do -- E/P.					
18.14 m ³ wide T.M.P. (52)					
els 10797 = 60/m ³ -- 12					1,95868=00
(27) Painting two coats with synthetic enamel paint -- do -- do -- E/P.					
127.68 m ² wide T.M.P. (53)					
els 139 = 16/m ² -- 12					17768=00
					1835602407=00
Add L. cess @ 1%					356024=00
Add GST @ 18%					6408433=00
Add S. Fee @ 10% (As per Ag.)					305066=00
					42671930=00
less 6.27% below as per Agreement					2675530=00
					40123996400=00

Continuation

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