

Name of work - Radhi west Middle School to
Brahaman Kali, Thammali Kali

Schedule XLV Form No. 134.

(M/R-3054)

Darbhangda - 2

DIVISION

Tale

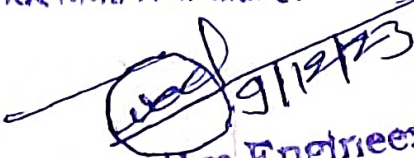
SUB-DIVISION

MB No - 13/7

Measurement Book

Agar - Sri, Anish Tibbar

प्रमाणित किया जाता है कि इस मापीपुस्तक में
मशीन से टंकित कुल-100 (एक सौ) पृष्ठ हैं,
जो श्री निखिल भारद्वाज
उताओ आर.डि.ओ के नाम से याओ आर.डि.ओ, अंतर्गत प्रमंडल,
जाले के लिए निर्गत किया जाता है।


Executive Engineer
R W D. (W) Division
Darbhanga-2
09/12/23

Sch. XLV - Form No. 134

Darbhanga-2 DIVISION
Jale SUB-DIVISION

Measurement Book

No. 1317

Name of Officer Sr. Nikhil
Bhardwaj

Date of first entry _____

Date of last entry _____

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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.	
	1st on A/C 18/11				
NPW:-	Const. of Road from Radhi				
	West middle school to				
	Brahman toli Dharmuk toli				
Agreement no-	/M3D/2020-2021				(MR-3054 No)
Agency:-	Sri Anish Kumar Tiwari				
Dt. of start-	09-09-2023				
Dt. of completion-	08-06-2024				
	Measurement.				
1.	clearing and Grubbing				
	road land with all				
	comp.				
	2	34	30.0	1.00	2040.0 m ²
				⇒	0.2049 ✓
2.	Scraping the Existing				
	bituminous road surface				
	with all comp.				
	20	30.0	1.90	-	1140 m ²
3.	Const. of granular sub-				
	base by providing well				
	graded mat. with all comp.				
	pot measurement for BT				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	15	8.50	3.75	0.10	47.81 M ³
	9	2.50	1.75	0.10	3.937 M ³
	13	5.50	2.10	0.10	15.015 M ³
					66.762 M ³
					Limit 66.75 M ³
4.	Pro. laying spreading and				
	Compacting of WBM for 1st				
	with all comp.				
	pot measurement for BT portion.				
	15	9.00	3.75	0.075	37.968 M ³
	5	3.0	3.75	0.075	4.218
	15	2.50	2.0	0.075	5.625
	7	3.00	1.75	0.075	2.756
	4	5.50	1.50	0.075	2.475
	10	3.0	3.75	0.075	5.625
	9	2.75	1.90	0.075	3.526
	13	5.80	2.40	0.075	13.572
	10	4.50	3.75	0.075	12.656
	5	3.20	2.65	0.075	3.180
					91.594 M ³
					Akumar 05/01/24
5.	Primer coat with all				
	Comp. for WBM surface				
	Area of TMB P.No. 2				
	91	①	91.594 M ³		
			91.594/0.075 =		1221.25 M ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6.	Pro. and applying tack coat				
	with all c-b.				
	Area vide TMD p. No - 2				
		9.75	(5)		1221.25 m ²
7.	Patch work over WBM				
	using mix Seal surface				
	with all c-b.				
	WBM Porting.				
	Area vide TMD p. No - 2				
		9.75	(5)		1221.25 m ²
BT Porting - 5	30.0	2.60	-		390.0 m ²
7	13.0	2.10	-		191.10 m ²
PCC	7	6.50	2.65	-	120.575 m ²
	13	3.75	2.10	-	102.375 m ²
	4	2.50	1.60	-	16.0 m ²
					2041.30 m ²
8.	Pro. and applying tack				
	coat RSI with all c-b.				
	22	30.0	3.75	-	2475.0 m ²
	5	30.0	2.60	-	390.0 m ²
	7	13.0	2.10	-	191.10 m ²
	7	6.50	2.65	-	120.575 m ²
	13	3.75	2.10	-	102.375 m ²
	4	2.50	1.60	-	16.0 m ²
					3295.05 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11.					
					Pro. and laying of hot
					applied thermoplastic compound
					with all c.p.
2	42	30.0	0.10	-	252.0 m ²
2	20	30.0	0.10	-	120.0 m ²
					372.0 m ²
12.					
					Pro. & fixing of MR-infor-
					matory sign board with
					all c.p.
					1 x 3 1400 - 3 nos.
12.					
					Brick masonry in c.m
					(1:3) in parapet all c.p.
3	2	6.0	0.40	0.60	8.64 m ²
14.					
					Plastering with c.m
					(1:4) on brick work in
					subst. with all c.p.
3	2	6.0	0.60	=	21.60
					10.80 m ²
3	2	6.0	0.40	=	14.40 m ²
3	4	0.40	0.60	=	2.88 m ²
					38.88 m ²
15.					
					Painting two coats
					in parapet wall with
					all c.p.
					Area vide TMB P.No.
	(5)	7.40	(14)	-	38.88 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	ABSTRACT OF COST				
1.	Cleaning and Grubbing				
	road and with all comp.				
	wide m/s p.No - (1)				
	9x100 (1) 0.2049.				
	Rs 72697.86/149				145392
2.	Const. of Subgrade and				
	Earth on shoulder with				
	all comp.				
	wide m/s p.No - (6)				
	9x100 (19) 1176.0 m ³				
	Rs 260-93/m ³				306854.00
3.	Scaffolding the Existing				
	bituminous road surface				
	with all comp.				
	wide m/s p.No - (1)				
	9x100 (2) 1140.0 m ²				
	Rs 20.47/m ²				23336.00
4.	Const. of granular sub-base				
	with all comp.				
	wide m/s p.No - (2)				
	19x100 (3) 66.75 m ³				
	Rs 4211-95/m ³				281148.00
5.	Pro. laying spreading and				
	Compacting of W.B.M 75-11				
	with all comp.				
	Rs 625877.00				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	vide TMB	p. No.	(2)		
	7/1000 (4)	91-594	M ³		
	RS	5714.96	M ³	→	523456.00
6.	Pro. and applying Primer				
	Coat (SS) with all comp.				
	vide TMB	p. No.	(3)		
	7/1000 (5)	1221-25	M ²		
	RS	60-31	M ²	→	73654.00
7.	Pro. and applying deck				
	Coat (RS) with all comp.				
	1221.25 M ²	vide TMB	p. No. (3)	7/1000	
	3295.05 M ²	vide TMB	p. No. (3)	7/1000	8
	4516.30 M ²	RS	20-75	M ²	→
					9371.3000

8.	Pro. mix seal surface with				
	all comp.				
	vide TMB	p. No.	(3)		
	7/1000 (7)	2041.30	M ²		
	RS	296.62	M ²	→	605490.00
9.	1/20. laying and semi				
	dense bituminous concrete				
	with all comp.				
	vide TMB	p. No.	(4)		
	7/1000 (9)	62-287	M ³		
	RS	15926.71	M ³	→	992027.00
10.	Const. of un-reinforced				
	Cement concrete p.p.v. M30				
	with all comp.				

RS. 2914217.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	vide RMS	P.No. (4)			
	9thm (10)	756.0m ²			
	Q8 9752-09/m ²				7372580=0
11/11.	Rec MIS in	KMS stone			
	with all comp.				
	vide RMS	P.No. (6)			
	9thm (16)	(i) 2 Nos.			
	Q8 3315-99/m ²				6632200
12/12.	Rec MIS in	700m stone			
	with all comp.				
	vide RMS	P.No. (6)			
	9thm 16 (ii) 8 nos.				
	Q8 879-50/m ²				7036200
13/13.	Pro. and fixing of road				
	stuel with all comp.				
	vide RMS	P.No. (16)			
	9thm (17) - 56 nos.				25286=00
	Q8 263-40/m ²				147502=00
14/14.	Pro. and fixing of MR -				
	informatory sign board				
	with all comp.				
	vide RMS	P.No. (5)			
	9thm (22) 3 Nos.				
	Q8 14909.99/m ²				44730=00
15/15.	Pro. and fixing of retro-				
	reflectonised sign board				
	with all comp.				

0.103599452w

10370481200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	vide TMS p. No. (6)				
	Item 18(i) 18 nos.				
	@ 516.52/No				82643.00
16.	Pro. & fixing of retro-reflectors on sign board with all comp.				92974.00
	vide TMS p. No. (6)				
	Item 18(ii) 12 Nos.				
	@ 6409.50/No				76914.00
17.	Pro. and fixing of retro-reflectors on sign board with all comp.				89733.00
	vide TMS p. No. (6)				
	Item 18(iii) 13 Nos.				
	@ 6282.14/No				81868.00
18.	Recess in boundary pillars with all comp.				
	vide TMS p. No. (6)				
	Item (20) 26 nos.				
	@ 745.96/No				19395.00
19.	Planting of trees for road side with all comp.				
	vide TMS p. No. (6)				
	Item (21) 28 Nos.				
	@ 1177.55/No				32971.00
					10653536.00
					10687222.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>20</u> 20.	Road	Marking with hot			
		applied thermoplastic			
		with all comp.			
	vide TMB	p. No. (5)			
	Item (11)	372.0 m ²			
		@ 6.43-70/m ²			24689 6=01
<u>21</u> 21.	Brick masonry in c.m				
	(1:3) in parapet wall				
	with all comp.				
	vide TMB	p. No. (5)			
	Item (13)	8.64 m ²			
		@ 6143-47/m ³			53080 2=
<u>22</u> 22.	Plastering with c.m (1:4)				
	on b/w in sub-str. all				
	comp.				
	vide TMB	p. No. (5)			
	Item (14)	38.88 m ²			9320 2=00
		@ 239.31/m ²			6731=00
<u>23</u> 23.	Painting two coats				
	with all comp.				
	vide TMB	p. No. (5)			
	Item (15)	38.88 m ²			4902=00
		@ 126.08/m ²			3540 2=
					/
					Rs. 10963783 2=00
					11001420 2=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
material statement.					
1. E/w -	1176	0m ³			
2. Stone metal - (GSR) -	52.0m ³				
3. Stone metal -	111.0m ³				
4. Local sand -	34.0m ³				
5. Screening mat. -	22.0m ³				
6. Stone chips -	825.0m ³				
7. C. sand -	343.0m ³				
8. Bitum. -	4320 Mts.				
9. Bitumen -	10.94 mt				
10. Emul. (SS) -	1.104 mt				
11. Emul. (MS) -	1.237 mt.				
Summary:					
18/2/24					
E/w →	1176				
Stone metal	Req.	Cylin			Val.
5211.00		Cylin			
GSR II					
111.00		Cylin			
Local sand					51.00
34.					
Screening					100.00
22.00					
Chips		825.			NIL
825.00					
C. sand		Cylin			360.00
343					1.95
Emul. (SS)					
Emul. (MS)					

Req. 988

Cylin 1740

Continuation

10073625:

Memo of Payment

Sch. XLV-Form No. 134

1st March 1886870:

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SD					594344:
PSD					—
ST					118869:
CYST					100736:
SCYST					100736:
Ryf					44103:
SF					115944:
Le					118869:
					11936012
					10693269:
					11886870:
Paided for Rs					11886870:
are cross eighteen lre					

eighty six thousand
eight hundred seventy one

C.F. 1886

Executive Engineer
R.W.D. (W) Division
Darbhanga-2

14.3.24

14.3.24

Bill Ref No
2024031418192

14/3/24

Continuation