Certified that this measurement book has been (counted one hundred (100) Page. on machine numbering only issued to A.E. R.W.D. (W) Sub Division Motihari for necessary action.

Executive Engineer
R.W.D. (W) Division
Motihari
01/7/23
1/7/23

Sch. XLV-Form No. 134

Executive Engineer
R.W.D. (W) Division
Motihari
DIVISION

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

Turkauliya

MB. 7-6483.

Measurement Book

No.

Name of officer _____

_____

Date of first entry _____

Date of last entry _____

1st Year Maintenance

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work-	Maintenance of road from H/o. Lahn Sahani to Raghaw Patel under MMGSY (SC)				
Agency-	Alok Kumar				
Agreement No-	42 SBD/2020-21				
Date of Start-	22/07/2020				
Date of Completion-	21/07/2021				
Actual date of comp.	23/03/2022				
1st Year Maintenance Period	24/03/2022 to 23/03/2023				
① Maintenance of earthen shoulder					
1	x	6.10	x 1.20 =		7.30 m²
1	x	9.50	x 1.28 =		12.16 m²
2	x	11.00	x 1.25 =		27.50 m²
1	x	8.50	x 1.20 =		10.20 m²
2	x	7.50	x 1.28 =		19.20 m²
4	x	11.00	x 1.20 =		52.80 m²
2	x	10.00	x 1.25 =		25.00 m²
1	x	6.50	x 0.90 =		5.85 m²
2	x	7.00	x 1.15 =		16.10 m²
3	x	9.00	x 1.10 =		29.70 m²
2	x	6.00	x 1.25 =		15.00 m²
1	x	9.00	x 1.20 =		10.80 m²
				Continuation	231.61 m²

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(2) Restoration of Rain cuts					
1 X	7.50	X 1.15	X 0.25 =		2.161M³
2 X	8.00	X 1.28	X 0.30 =		6.144M³
1 X	9.00	X 1.10	X 0.30 =		2.97M³
1 X	7.15	X 1.20	X 0.30 =		2.57M³
2 X	10.00	X 1.20	X 0.30 =		7.20M³
1 X	12.00	X 1.25	X 0.30 =		4.50M³
1 X	5.60	X 1.20	X 0.30 =		2.02M³
					27.56M³
(3) Maintenance of earthen shoulder					
1	X	7.75	X 1.15 =		8.91M²
1	X	8.00	X 1.20 =		9.72M²
1	X	7.10	X 1.28 =		9.09M²
1	X	8.25	X 1.20 =		9.78M²
3	X	8.50	X 1.10 =		28.05M²
2	X	6.00	X 1.25 =		15.00M²
1	X	9.10	X 1.10 =		10.01M²
2	X	6.15	X 0.75 =		9.22M²
2	X	7.70	X 1.25 =		19.25M²
3	X	7.25	X 1.15 =		25.00M²
2	X	6.50	X 1.10 =		14.30M²
3	X	8.00	X 1.10 =		26.40M²
1	X	8.10	X 1.20 =		9.72M²
2	X	8.25	X 1.15 =		18.97M²
3	X	7.10	X 1.10 =		23.43M²
1	X	6.15	X 0.90 =		5.53M²
				Continuation	242.38M²

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
④ Restoration of flaunds					
1 X	7.10	X 1.25	X 0.30 =		2.661M³
1 X	9.50	X 1.15	X 0.25 =		2.731M³
2 X	8.00	X 1.10	X 0.30 =		5.28M³
1 X	6.50	X 1.25	X 0.30 =		2.44M³
1 X	7.60	X 1.20	X 0.25 =		2.10M³
2 X	10.00	X 1.25	X 0.30 =		7.50M³
1 X	8.10	X 1.20	X 0.25 =		2.43M³
2 X	7.50	X 1.15	X 0.25 =		4.31M³
2 X	7.65	X 1.20	X 0.30 =		5.51M³
					34.96M³
⑤ Maintenance of bituminous surface road					
Patch repairs-					
1 X	2.50	X 1.50 =			3.75M²
1 X	2.40	X 1.25 =			2.50M²
1 X	1.90	X 1.10 =			2.09M²
2 X	3.60	X 1.50 =			9.60M²
2 X	2.40	X 1.22 =			5.86M²
2 X	2.30	X 1.25 =			5.75M²
					28.95M²
⑥ (i) cutting of branches of trees					3 Nos
(ii) cutting of shrubs-					13 Nos
⑦ Trimming of grass					
2 X	10	X 30	X 1.20 =		720.00M²
2 X	10	X 30	X 1.10 =		660.00M²
					1380.00M²

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(8) Maintenance of earthen shoulder					
	1	X 6.50	X 0.85 =		5.521 M²
	1	X 7.10	X 0.90 =		6.39 M
	1	X 5.00	X 0.75 =		3.75 M
	1	X 8.50	X 1.10 =		9.35 M
	2	X 6.00	X 1.20 =		14.40 M
	1	X 10.50	X 1.15 =		12.07 M
	2	X 7.00	X 1.25 =		17.50 M
	1	X 8.15	X 1.10 =		8.96 M
	1	X 9.95	X 1.20 =		11.94 M
					89.88 M
(9) (i) Maintenance of Roadsign-boards					1.000 Km
(ii) Maintenance of Drain flow					2.0 Km

Continuation

Abstract of cost

5

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
① Restoration of Pairents					
Q-VIIIB/P2②	=	27.561 m			
P3⑥	=	34.961 m			
		62.521 m			
@ Rs	386	= 14/m	Rs	-	2,414/1 = 0
② Maintenance of earthen shoulder					
Q-VIIIB/P1①	=	231.61 m²			
P2③	=	242.38 m²			
P4⑧	=	89.88 m²			
		563.87 m²			
@ Rs.	57.56	/m²	Rs	32456=0	
③ Maintenance of bituminous surface road					
Q-VIIIB/P3⑤	=	28.95 m²			
@ Rs	292	= 74/m²	Rs.	8475=0	
④ Cutting of branches of trees					
Q-VIIIB/P3⑥	=	3 Nos			
@ Rs	109	= 74/each	Rs	329=0	
⑤ Cutting of shrubs					
Q-VIIIB/P3⑥	=	13 Nos			
@ Rs	6.73	/each	Rs	87=0	
⑥ Trimming of grass					
Q-VIIIB/P3⑨	=	1380.91 m²			
@ Rs	2.24	/m²	Rs	3091=0	
⑦ Maintenance of road sign					
Continuation					68579=00

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
R.V.T.M.B.P.4 (9) =		1.000 Km.			
@ Rs.	1077.81/Km			Rs.	1078=00
(2) Maintenance	of 200m store				
R.V.T.M.B.P.4	(9) = 2.01 Km				
@ Rs.	702=29/Km			Rs.	1412=00
			Rs.	71,	069=00
Add	12%	GST (+)		8,	528=00
Add	1%	labour cess (+)			711=00
			Rs.	80,	308=00
Less	0.51%	below (-)			410=00
			Rs.	79,	898=00
[signature] 25/3/23 S.E				[signature] 25/03/23 AE	
		[signature] 25/4/23			
Materials statement					
(i) soil – 131.47 M^3					
(ii) chips – 0.78 M^3					
(iii) sand – 0.17 M^3					
(iv) bitumen – 0.068 MT					
[signature] 25/3/23					

Continuation

2nd Year Maintance

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of Work-		Maintance	of Road from		
H/o Lalan Sahani		to H/o Raghav Patel			
		under (mmbrsy)			SC
Agency:-	Alok kumar				
Agreement No -	425	B3/2020-2021			
Date of Start -	22.07.2020				
Date of comp -	21.07.2021				
Actual date of comp -	23.03.2022				
2nd Maintenance Period.					
	24.03.23	to	23.03.24		
(1) Restoration of Raincuts with soil.					
5 x	4.00 x	0.90 x	0.30 =		5.40 M³
8 x	6.50 x	0.85 x	0.25 =		11.05 M³
10 x	8.00 x	0.90 x	0.30 =		21.60 M³
15 x	9.00 x	0.80 x	0.25 =		27.00 M³
8 x	4.50 x	0.90 x	0.30 =		9.72 M³
					74.77 M³
(2) Making up of Berms/Shoulder etc.					
12	x	3.50 x	0.90 =		12.60 M²
8	x	6.00 x	0.85 =		40.80 M²
10	x	9.00 x	0.90 =		81.00 M²
15	x	8.50 x	0.80 =		102.00 M²
12	x	6.50 x	0.80 =		70.20 M²
18	x	9.00 x	0.80 =		129.60 M²

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
16	x	8.00	x 0.90	=	115.2 ML
14	x	6.50	x 0.80	=	72.80 ML
9	x	6.40	x 0.90	=	51.84 ML
					676.04 ML
(3) Patch repair over bituminus					
Surface work.					
5	x	1.50	x 0.90	=	6.75 ML
9	x	1.30	x 0.80	=	8.32 ML
10	x	1.80	x 0.90	=	16.20 ML
15	x	1.60	x 0.80	=	19.20 ML
6	x	1.30	x 0.90	=	7.02 ML
					57.49 ML
(4) Maintenance of Road Signs.					
			1.00	KM	
(5) Maintenance of 200M 2 KM Stone					
			2.01	KM	
(6) cutting of branches of trees.					
			3.00	No	
(7) cutting of shurbs from Road.					
			13.00	No	
(8) Trimming of grass 2 sides.					
4 x 30.00 x		$\frac{0.50+0.55}{2}$		=	63.00 ML
8 x 30.00 x		$\frac{0.80+0.85}{2}$		=	81.60 ML
10 x 30.00 x		$\frac{0.85+0.90}{2}$		=	262.50 ML
15 x 30.00 x		$\frac{0.551+0.60}{2}$		=	258.75 M2
12 x 30.00 x		$\frac{0.454+0.50}{2}$		=	171.00 ML

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
9 x 30.00 x		$\frac{0.80+0.85}{2}$		=	222.75Mt
12 x 30.00 x		$\frac{0.85+0.90}{2}$		=	315.00Mt
					1374.60Mt
(9) Maintenance of trees by Road					
			124.00	Each	
	3/24 J.E.				3/24 AE

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
	Abstract of cost				
(1) Restoration of Pavements with sd.					
-do- -do- act complete Job.					
Qty. vide T.M.B P(8) = 74.77 M3					
@ Rs	386=14/M3	→ Rs			28872=00
(2) Maintenance of Earthern Shoul.					
Qty. vide T.M.B P(9) = 676.04 M2					
@ Rs	57=56/M2	→ Rs			38913=00
(3) Patch repair over bituminous.					
Qty. vide T.M.B P(9) = 57.49 M2					
@ Rs	292=74/M2	→ Rs			16830=00
(4) Maintenance of Road Signs etc.					
Qty. vide T.M.B P(9) = 1.00 No.					
@ Rs	1077=81/each	→ Rs			1081=00
(5) Maintenance of 200M2 KM Stone.					
Qty. vide T.M.B P(9) = 2.01 KM					
@ Rs	702=29/KM	→ Rs			1408=00
(6) cutting of Shrubs from Trees.					
Qty. vide T.M.B P(9) = 3.00 No.					
@ Rs	109=74/each	→ Rs			329=00
(7) cutting of Shrubs from Roads.					
Qty. vide T.M.B P(8) = 13.00 No.					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑦ H	6 : 73 / each			→ 15	87 : 60
⑧ Trimming of grass x hedges					
Qty. vide	T.M.B	P(g) = 1374.60 m²			
⑨ H	2 : 24 / m²			→ H	3079 : 10
⑨ Maintenance of trees by hand.					
Qty. vide	T.M.B	P(h) = 129.00 Each.			
⑩ H	670 : 94 / each			→ H	83197 : 00
					Rs 173796 : 00
Add. 1 % Labour cess				(+)	H 1738 : 00
Add. 12 % GST				(+)	H 20856 : 00
					Rs 196390 : 00
Less 0.5 % as per agmt				(-)	H 1002 : 00
					Rs 195388 : 00

24/3/24
JE

24/03/24
AE

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Material Statement				
(1) E/M =	74.77 M³				
(2) Bitumen =	0.123	MT			
(3) Stone chips =	1.55 M³				
	24	3	24		
		J.E			

Continuation