

M/R New Maintenance

Block-3 आजमनगर

Schedule XLV-Form No. 134

Repair of road from PWD Path Pindhal Chowk to
Kamlebari Paschim tola

DIVISION

Agreement No - 25/MBD/2024-25

Agreement Amount - 4,45,37,443/-

SUB-DIVISION

Vishal Arora.

MEASUREMENT BOOK

1050

09/10/24

प्रमाणित किया जाता है कि इस मापी पुस्त में
मशीन द्वारा कुल 100 पन्नें बीकरी हैं जिसे
श्री अरविन्द कुमार दास सहो अन्निक
बाजमनगर के नाम से निर्गत किया जाता है

Executive Engineer
W.D. (W) Division Manihari
०९/०८/२५

Sch. XLV-Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 1050
०९/०८/२५

Name of officer _____

Date of first entry _____

Date of last entry _____

Isd on Alc 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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Repair of road					
from PWD path pindhal					
chowk to kambhari					
Agency:- Vishal Anand					
Agreement No:- 25 MBD/2024-25					
Date of commencement:- 09/10/2024					
Date of completion:- 08/10/2025					

Record measurement

① clearing and grubbing
road land - E.T.

$$2 \times 8 \times 30m \times 1.0m = 480.00m^2$$

$$2 \times 5 \times 30m \times 1.0m = 300.00$$

$$2 \times 5 \times 30m \times 1.0m = 300.00$$

$$2 \times 3 \times 30m \times 1.0m = 180.00$$

$$2 \times 7 \times 30m \times 1.0m = 420.00$$

$$2 \times 5 \times 30m \times 1.0m = 300.00$$

$$2 \times 10 \times 30m \times 1.0m = 600.00$$

$$2 \times 1 \times 10m \times 1.0m = 20.00$$

$$\text{Total} = 2600.00$$

$$= 0.26 \text{ Hact.}$$

Continuation

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2 x 3.40 m		X 0.70 m	=		4.76 m ²
3 x 7.30 m		X 1.10 m	=		24.09 "
1 x 1.80 m		X 0.90 m	=		1.62 "
5 x 4.50 m		X 1.40 m	=		31.50 "
2 x 3.70 m		X 0.70 m	=		5.18 "
3 x 3.00 m		X 1.20 m	=		10.80 "
6 x 4.80 m		X 0.90 m	=		25.92 "
2 x 3.40 m		X 0.80 m	=		5.44 "
4 x 6.20 m		X 1.20 m	=		29.76 "
5 x 4.30 m		X 1.10 m	=		23.65 "
2 x 3.00 m		X 0.90 m	=		5.40 "
4 x 8.20 m		X 0.80 m	=		26.24 "
1 x 3.60 m		X 1.10 m	=		3.96 "
3 x 4.70 m		X 1.20 m	=		16.92 "
6 x 5.20 m		X 1.20 m	=		37.44 "
4 x 8.30 m		X 1.00 m	=		33.20 "
2 x 2.70 m		X 1.40 m	=		7.56 "
6 x 4.00 m		X 0.90 m	=		12.00 "
4 x 4.90 m		X 1.10 m	=		21.56 "
8 x 5.40 m		X 0.90 m	=		38.88 "
4 x 5.60 m		X 0.40 m	=		8.96 "
2 x 2.90 m		X 1.10 m	=		6.38 "
3 x 4.00 m		X 1.60 m	=		19.20 "
				Qty =	400.42 m ²
		400.42 m ²	X 0.075 m	=	30.03 m ³

Continuation

Ans
23/11/24
AL

AAHSP
23/11/24
JE

Sch.XLV-Form No. 134

Sch.XLV-Form No. 134					
Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Record entry				
①/5 p/v. laying, spreading and compacting					
WB N Gr-III - E.I.					
2 x 3.50 m x 0.70 m				=	4.90 m ²
3 x 7.40 m x 1.20 m				=	26.64 "
1 x 1.80 m x 0.90 m				=	1.62 "
5 x 4.60 m x 1.50 m				=	34.50 "
2 x 3.80 m x 0.70 m				=	5.32 "
3 x 3.10 m x 1.30 m				=	12.09 "
6 x 4.90 m x 0.90 m				2	26.46 "
2 x 3.50 m x 0.80 m				2	5.60 "
4 x 6.30 m x 1.30 m				=	32.76 "
5 x 4.40 m x 1.20 m				=	26.40 "
2 x 3.10 m x 0.90 m				=	5.58 "
4 x 8.40 m x 0.80 m				=	26.88 "
1 x 3.70 m x 1.20 m				=	4.44 "
3 x 4.80 m x 1.30 m				2	18.72 "
6 x 5.30 m x 1.30 m				2	41.34 "
4 x 8.50 m x 1.10 m				=	37.40 "
2 x 2.80 m x 1.50 m				=	8.40 "
6 x 4.10 m x 0.50 m				=	12.30 "
4 x 5.00 m x 1.20 m				2	24.00 "
8 x 5.50 m x 0.90 m				2	39.60 "
4 x 5.70 m x 0.40 m				=	9.12 "
2 x 3.00 m x 1.20 m				=	7.20 "
3 x 4.10 m x 1.70 m				=	20.91 "

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
3 x 2	50 m	X 0.90 m	2		6.75 m ²
1 x 3	50 m	X 1.00 m	2		3.50 "
5 x 7	40 m	X 0.70 m	2		25.90 "
2 x 2	00 m	X 0.50 m	=		2.00 "
6 x	4.60 m	X 0.80 m	=		22.08 "
3 x 3	80 m	X 0.70 m	=		7.98 "
4 x	3.10 m	X 1.00 m	=		12.40 "
2 x	4.90 m	X 0.50 m	=		4.90 "
5 x	3.50 m	X 1.40 m	=		24.50 "
2 x	6.30 m	X 1.60 m	=		20.16 "
7 x	4.40 m	X 0.90 m	2		27.72 "
3 x	3.10 m	X 1.40 m	2		13.02 "
Qty =					603.09 m ²

$$603.09 \text{ m}^2 \times 0.075 \text{ m} = 45.23 \text{ m}^3$$

MA-48
09/12/2021
JE

Record Entry.

①/6 pls and applying

Primer coat with

Bitumen emulsion (SS-1)

— E.I.T.

$$Qty \text{ v. T. in BP- (5), SL- } \frac{①}{5} = 45.23 \text{ m}^3$$

$$45.23 \text{ m}^3 \div 0.075 \text{ m} = 603.07 \text{ m}^2$$

$$\text{Limit to} = 301.55 \text{ m}^2$$

Continuation

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Record Entry					
① Construction of dry					
lean cement concrete					
sub base — E.I.					
5	1.20m	1.70m	0.100m	1.02 m ³	
3	2.25m	1.90m	0.100m	1.28 "	
6	1.35m	2.10m	0.100m	1.70 "	
3	1.50m	1.20m	0.100m	0.54 "	
2	1.80m	2.20m	0.100m	0.79 "	
5	2.10m	1.80	0.100m	1.89 "	
7	1.90m	2.10m	0.100m	2.79 "	
				Qty = 10.01 m ³	
Unit + to				8.44 m ³	

② Construction of panel					
Concrete pavement					
M30 — E.I.					
1	15m	$\frac{5.10+3.75}{2}$	0.125m		8.30 m ³
3	30m	3.75m	0.125m		42.19 "
4	30m	3.75m	0.125m		56.25 "
3	30m	3.75m	0.125m		42.19 "
1	20m	$\frac{3.75+4.90+3.75}{3}$	0.125m		10.33 "
6	30m	3.75m	0.125m		84.38 "
2	30m	3.75m	0.125m		28.13 "
1	18m	$\frac{3.75+5.10+3.75}{3}$	0.125m		9.45 "
6	30m	3.75m	0.125m		84.38 "
1	20m	3.75m	0.125m		9.38 "

Continuation C.O. Qty = 374.98 m³

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$1 \times 7 \text{ m} \times \frac{3.75 + 4.50}{2} \times 0.125 \text{ m}$					3.61 m^3
				$\text{Total} =$	378.59 m^3
<u>③</u> construction of					
subgrade & shoulder					
— E.I.I.					
$2 \times 16 \times 30 \text{ m} \times 0.70 \text{ m} \times 0.450$					302.40 m^3
$2 \times 1 \times 20 \text{ m} \times 0.70 \text{ m} \times 0.450$					12.60 m^3
$2 \times 16 \times 30 \text{ m} \times 0.400 \text{ m} \times 0.300$					115.20 m^3
$2 \times 10 \times 30 \text{ m} \times 0.40 \text{ m} \times 0.300$					72.00 m^3
$2 \times 1 \times 20 \text{ m} \times 0.400 \text{ m} \times 0.300$					4.80 m^3
				$\text{Total} =$	507.00 m^3

MAAP
11/01/023
SE

Record Entry

<u>①</u> 11 km stone post.					
				$1 \times 2.00 \text{ Nos} =$	2.00 Nos
<u>②</u> 20 m stone post					
				$1 \times 6.00 \text{ Nos} =$	6.00 Nos
<u>③</u> 13 plr & erecting direction					
8 place identification					
board.					
$2 \times 1.20 \times 0.80$					$= 1.92 \text{ m}^2$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
④ 14 plr 60mm equilateral triangle board.					
					1 X 12.00 Nos = 12.00 Nos
⑤ 15 plr 60mm circular board.					
					1 X 6.00 Nos = 6.00 Nos
⑥ 16 plr 60mm x 450mm rectangular board.					
					1 X 4.00 Nos = 4.00 Nos
⑦ 17 900mm Side octagon board.					
					1 X 2.00 Nos = 2.00 Nos
⑧ 18 Planting of tree by the road side — E.I.T.					
					1 X 25.00 Nos = 25.00 Nos
⑨ 19 plr 8 laying Road Marking on B.T. surface — E.I.T.					
					2 X 16 X 30m X 0.100m = 96.00 m ²
					2 X 1 X 20m X 0.100m = 4.00 m ²
					0.24 = 100.00 m ²
⑩ 20 plr Road marking on Pedestrian Crossing—E.I.T.					
					3 X 6.00 X 0.50 X 2.0 = 9.00 m ²

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	

⑪ 21	Plr Road marking				
	on cc surface - EIT				
	2 x 10 x 30m x 0.10m =				60.00m ²
	2 x 10 x 30m x 0.100m =				60.00 "
	2 x 6 x 30m x 0.10m =				36.00 "
	2 x 1 x 20m x 0.100m =				4.00 "
				Qty =	160.00m ²

⑫ 22	Plr & fixing of				
	typical MMUSY				
	informatory sign board.				
				1 x 4.00 Nos =	4.00 Nos

⑬ 25	Brick masonry				
	work in c.m (1:3)				

	In parapet - EIT.				
	25% x 3 x 2 x 6.15 x 0.40 x 0.60 =				2.21m ³
	25% x 2 x 2 x 5.60 x 0.40 x 0.60 =				1.34 "
				Qty =	3.55m ³

⑭ 24	Plr plastering with				
	c.m. (1:4) on b/w				
	- EIT.				
	3 x 4 x 6.15 x 0.60 =				44.28m ²
	3 x 2 x 6.15 x 0.40 =				14.76 "
	3 x 4 x 0.40 x 0.60 =				2.88 "
	2 x 4 x 5.60 x 0.60 =				26.88 "
	2 x 2 x 5.60 x 0.40 =				8.96 "
	2 x 4 x 0.40 x 0.60 =				1.92 "

Continuation Qty = 99.68m²

Continuation

Continuation

Abstract of Cost

12

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
① Clearing and grubbing road land — E/I					
0.26 Hact	Q.U.T				
② Const ⁿ of CSSB with metal — E/I					
34.776m ³	Q.U.T				
③ Pl ^y , laying, spreading and Compacting WBM					
err-II — E/I					
30.03m ³	Q.U.T				
④ Pl ^y , laying, spreading and Compacting WBM					
err-III — E/I					
45.23m ³	Q.U.T				
⑤ Pl ^y and Applying primer Coat with Bituminous emulsion (RS-1) —					
301.55 m ²	Q.U.T				
⑥ Pl ^y & Applying tack Coat with Bitumen					
(1) emulsion (RS-1) — E/I					
1893.75m ²	Q.U.T				

Continuation

@ 19.08/m² — Rs. 36133.00

ROBOTT NO

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑦ $\frac{7}{8}$ Pl. laying semi dense bituminous concrete					
— el I					
47.35 m ³ O.V.T 198 P - (6)					
@ 13776.67/m ³ — Rs. 652325.00					
⑧ $\frac{8}{9}$ Const ⁿ of dry lean Cement Concrete Sub base					
— el I					
8.44 m ³ O.V.T 198 P - (2)					
@ 5758.01/m ³ — Rs. 48598.00					
⑨ $\frac{9}{10}$ Const ⁿ of Panel Concrete Pavement 1930					
— el I					
378.59 m ³ O.V.T 198 P - (8)					
@ 9528.97/m ³ — Rs. 3607573.00					
⑩ $\frac{10}{12}$ Const ⁿ of Subgrade					
8 Shoulder — el I					
507.00 m ³ O.V.T 198 P - (8)					
@ 264.72/m ³ — Rs. 134213.00					
⑪ $\frac{11}{11}$ Km Stone Post —					
2.00 Nos O.V.T 198 P - (8)					
@ 3131.89/each — Rs. 6264.00					
⑫ $\frac{12}{12}$ 200m Stone Post —					
6.00 Nos O.V.T 198 P - (8)					
@ 849.57/each — Rs. 5097.00					
⑬ $\frac{13}{13}$ Pl & erecting direction & place identification board					

Continuation

— el I

5060081.00

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1.92 m ³	0.V.T	178	P	(8)	
	@ 15	42.35/m ³			Rs. 29073.~
(14) 14 Pl- 600mm equilateral					
8 triangle board — ELI					
12.00 Nos	0.V.T	178	P	(9)	
	@ 45	46.88/each			Rs. 54562.~
(15) 15 Pl- 600mm Circular					
board — ELI					
6.00 Nos	0.V.T	178	P	(9)	
	@ 43	89.19/each			Rs. 26885.~
(16) 16 Pl- 600mm X 450mm					
rectangular board —					
4.00 Nos	0.V.T	178	P	(9)	
	@ 42	44.66/each			Rs. 16978.00
(17) 17 900mm Side octagon					
board — ELI					
2.00 Nos	0.V.T	178	P	(9)	
	@ 87	14.02/each			Rs. 17428.~
(18) 18 Planting of tree by					
the road side — ELI					
25.00 Nos	0.V.T	178	P	(9)	
	@ 130	5.10/each			Rs. 32627.~
(19) 19 Pl- 8 laying Road					
marking on B-T Surface					
— ELI					
100.00 m ²	0.V.T	178	P	(9)	
	@ 88	6.50/m ²			Rs. 88650.~

Continuation

5325784

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
20 20 pl road marking on Pedestrian crossing — E/I 9.00 m ² O.V.T MB P — (9) @ 886.50/m ² — Rs. 7978.00					
21 21 pl road marking on c.c. surface — E/I 160.00 m ² O.V.T MB P — (10) @ 1005.95/m ² — Rs. 160952.00					
22 22 pl & fixing of typical MMSY informatory sign board 4.00 No. O.V.T MB P — (10)					
					@ 11796.52/cach — Rs. 47186.00
23 23 Brick Masonry (153) work — E/I 3.55 m ³ O.V.T MB P — (10) @ 6185.97/m ³ — Rs. 21960.00					
24 24 pl Plastering with G/M (1:4) on b/w — E/I 99.68 m ² O.V.T MB P — (10) @ 237.64/m ² — Rs. 23688.00					
25 25 Painting on Parapet wall — E/I 99.68 m ² O.V.T MB P — (11) @ 139.16/m ² — Rs. 13871.00					

Continuation

C.O. Rs. 5601369.00

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.F.	ps.	5601363.00
Add 18 % GST @				ps.	1008246.00
Add 1% Less @				ps.	56014.00
Add 10 % S fee @				ps.	56295.00
				ps.	6721924.00
less 16.99 % Below 1 ps.					1142055.00
				ps.	5579869.00
					5579869.00 20101025 JE
					426 201025 = AL

Continuation

Continuation

Letter No. 1247/2/25.