

M/R

Block - मनसुही

Schedule XLV-Form No. 134

Const of road, Kathar Manihari Pwd road to
Mara tola.

DIVISION

Agreement No - 27/MBD/2024-25

Agreement Amount - 19156513.20 **SUB-DIVISION**

Urshal Anand.

MEASUREMENT BOOK

1066
24/10/24

प्रमाणित किया जाता है कि इस बाफीपुत्र
में खेतीन द्वारा 100 पन्ने अंकित हैं जिसे
श्री अमर कुमार् सिंह सहित अनिल अमरसिंह
के नाम से निर्गत किया जाता है। -

24/10/24
Executive Engineer
Rural Works Department
Works Division Manihar
24/10/24

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No.

1066
24/10/24

Name of Officer _____

Date of first entry _____

Date of last entry _____

Name to 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.	
1st on AC B/11					
Name of work-	Repair of Road from				
	Katihar Manihari PWD				
	Road to Mara tola				
Name of Agency-	Vishal Aarond.				
	Korahat bari Madhubani panna				
Agreement No-	27 MBD/2024-2025				
D/Work Start-	20/09/2024				
D/Work Completion-	10/06/2025				
Record Entry					

Date of Entry 20/04/25

1/1 cleaning and grubbing road land by manual.

$$2X \quad 15.0X \quad 30.0X \quad 1.00 = 900.0M^2$$

$$2X \quad 15.0X \quad 30.0X \quad 1.00 = 900.0''$$

$$2X \quad 10.0X \quad 30.0X \quad 1.00 = 600.0''$$

$$2X \quad 3.0X \quad 30.0X \quad 1.00 = 180.0''$$

$$2X \quad 1X \quad 15.0X \quad 1.00 = 30.0''$$

$$\text{Total Qty } 2610.0M^2$$

$$\text{say } 0.26 DHec$$

2/3 Constnution of W.S.B by providing well graded.

$$1st km \quad 2X \quad 6.35X \quad 0.75X \quad 0.175 = 1.66M^3$$

$$3X \quad 11.25X \quad 0.55X \quad 0.175 = 3.24''$$

$$6X \quad 3.45X \quad 0.45X \quad 0.175 = 1.63''$$

Continuation

$$\text{40 } 6.530M^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	6.5314 ³
	2X	8.10X	0.650X	0.175	1.84 "
	5X	2.65X	0.35X	0.175	0.811 "
	3X	3.65X	0.60X	0.175	1.149 "
	2X	21.35X	0.75X	0.175	5.60 "
	2X	9.20X	0.65X	0.175	2.09 "
	1X	14.30X	0.55X	0.175	1.376 "
	1X	6.35X	0.90X	0.175	1.00 "
	3X	5.55X	0.40X	0.175	1.16 "
	7X	3.50X	0.85X	0.175	3.64 "
and	2X	21.35X	0.45X	0.175	3.36 "
	8X	2.35X	0.50X	0.175	1.645 "
	1X	7.80X	0.90X	0.175	1.22 "
	2X	11.50X	0.65X	0.175	2.61 "
	4X	3.20X	0.70X	0.175	1.56 "
	2X	9.15X	0.45X	0.175	1.44 "
	2X	3.90X	1.00X	0.175	1.36 "
	2X	12.50X	0.75X	0.175	3.28 "
	1X	8.75X	1.10X	0.175	1.68 "
	2X	5.90X	0.80X	0.175	1.65 "
					total 45.004 ³
3/4	providing laying spreading and compacting with Gr II				
	2X	7.20X	0.80X	0.075	0.864 M ³
	3X	12.70X	0.60X	0.075	1.71 "
	6X	3.90X	0.50X	0.075	0.877 "
	2X	9.20X	0.70X	0.075	0.966 "
	5X	3.0X	0.40X	0.075	0.450 "
					4.867 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	4.867 M ³
	3X	4.10X	0.60X	0.075	0.553 "
	2X	24.10X	0.80X	0.075	2.89 "
	2X	10.40X	0.70X	0.075	1.09 "
	1X	16.20X	0.60X	0.075	0.729 "
	1X	7.20X	1.00X	0.075	0.540 "
	3X	6.30X	0.40X	0.075	0.567 "
	7X	4.00X	0.90X	0.075	1.89 "
	1X	3.95X	0.65X	0.075	0.192 "
	2X	8.60X	0.55X	0.075	0.709 "
	1X	3.15X	0.75X	0.075	0.177 "
	2X	4.15X	0.45X	0.075	0.280 "
	2X	18.65X	0.70X	0.075	1.958 "

	1X	9.70X	0.85X	0.075	0.618 "
	2X	14.80X	0.75X	0.075	1.66 "
	3X	6.85X	0.85X	0.075	1.31 "
	2X	24.10X	0.50X	0.075	1.80 "
	8X	2.70X	0.50X	0.075	0.1810 "
	1X	8.80X	1.00X	0.075	0.66 "
	2X	13.0X	0.70X	0.075	1.365 "
	4X	3.60X	0.80X	0.075	0.864 "
	2X	10.30X	0.50X	0.075	0.772 "
	2X	4.40X	1.10X	0.075	0.726 "
	2X	14.10X	0.80X	0.075	1.69 "
	1X	9.90X	1.20X	0.075	0.891 "
	2X	6.70X	0.90X	0.075	0.904 "
	1X	8.30X	0.60X	0.075	0.373 "
	2X	12.0X	1.00X	0.075	1.80 "

Continuation

C/O 32.685 M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF 32.685 M ³
1X	9.50X	0.750X	0.075=	0.534	"
1X	6.25X	0.80X	0.075=	0.375	"
1X	4.40X	0.55X	0.075=	0.181	"
2X	13.0X	1.10X	0.075=	2.145	"
1X	9.25X	0.85X	0.075=	0.589	"
					Total 36.509 M ³
					Limit 36.23 M ³
4/5	providing laying spreading and compacting w 8% bind				
2X	8.50X	0.90X	0.075=	1.14	M ³
3X	15.0X	0.70X	0.075=	2.36	"
6X	4.60X	0.60X	0.075=	1.24	"

2X	10.90X	0.80X	0.075=	1.30	"
5X	3.50X	0.40X	0.075=	0.525	"
3X	4.80X	0.70X	0.075=	0.756	"
2X	28.40X	0.90X	0.075=	3.83	"
2X	12.30X	0.80X	0.075=	1.47	"
1X	19.10X	0.70X	0.075=	1.00	"
1X	8.50X	1.10X	0.075=	0.701	"
3X	7.40X	0.40X	0.075=	0.666	"
7X	4.70X	1.00X	0.075=	2.46	"
1X	4.70X	0.60X	0.075=	0.211	"
2X	10.10X	0.50X	0.075=	0.757	"
1X	3.70X	0.70X	0.075=	0.194	"
2X	4.90X	0.40X	0.075=	0.294	"
2X	22.0X	0.60X	0.075=	1.98	"

Continuation

210 20.88 M³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	20.88 $\frac{1}{2}$ ³
	1X	11.40X	0.80X	0.075=	0.684 "
	2X	17.50X	0.70X	0.075=	1.83 "
	3X	8.10X	0.80X	0.075=	1.45 "
	5X	3.45X	0.90X	0.075=	1.16 "
	1X	8.10X	0.70X	0.075=	0.425 "
	5X	2.65X	0.50X	0.075=	0.496 "
	2X	3.65X	0.40X	0.075=	0.219 "
	1X	10.0X	1.40X	0.075=	1.05 "
	1X	7.20X	1.10X	0.075=	0.759 "
	3X	14.30X	1.05X	0.075=	3.37 "
	1X	6.35X	0.40X	0.075=	0.190 "
	1X	15.0X	1.00X	0.075=	1.12 "
	2X	28.40X	0.60X	0.075=	2.55 "
	8X	3.20X	0.60X	0.075=	1.15 "
	1X	10.40X	1.10X	0.075=	0.858 "
	2X	15.30X	0.80X	0.075=	1.83 "
	4X	4.20X	0.90X	0.075=	1.13 "
	2X	12.20X	0.60X	0.075=	1.09 "
	2X	5.20X	1.20X	0.075=	0.936 "
	2X	16.60X	0.90X	0.075=	2.24 "
	1X	11.70X	1.30X	0.075=	1.14 "
	2X	7.90X	1.00X	0.075=	1.18 "
	1X	9.80X	0.50X	0.075=	0.367 "
	2X	14.20X	1.00X	0.075=	2.13 "
	1X	11.20X	0.70X	0.075=	0.588 "
	1X	7.40X	0.80X	0.075=	0.444 "
	1X	5.20X	0.50X	0.075=	0.195 "

Continuation

C/O 51.46 $\frac{1}{2}$ ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF 51.46 M ³
	2X	15.30X	1.10X	0.075=	2.52 //
	1X	10.90X	0.80X	0.075=	0.654 //
	3X	7.80X	1.60X	0.075=	2.80 //
	1X	11.50X	0.50X	0.075=	0.431 //
	2X	3.20X	1.10X	0.075=	0.528 //
	2X	9.15X	1.50X	0.075=	2.05 //
	3X	16.50X	1.00X	0.075=	3.71 //
	2X	12.50X	1.20X	0.075=	2.25 //
	1X	8.50X	1.60X	0.075=	1.02 //
	1X	5.90X	0.50X	0.075=	0.221 //
	2X	3.50X	1.10X	0.075=	0.577 //
					Total 68.22 M ³
					Limit 68.00 M ³
5/22	providing and fixing typical information board				
					Total 2.0 Nos
	<u>Sum</u> 20/04/25 J.E <u>Check</u> 20/04/25 J.P				

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Sch. XLV—Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Entry					
Date of Entry 12/05/25					
1/28	Brick Masonry Work				
	(1:3) repair work				
	2X	1.87X	0.40X	0.60 =	0.89 M ³
	2X	1.68X	0.40X	0.60 =	0.806 "
	2X2X	1.64X	0.40X	0.60 =	1.57 "
	Total Qty				3.26 M ³
2/28	plastering with cement				
	Mortar (1:4) d d				
side	4X	4.70X	0.60 =	11.28 M ²	
Top	2X	4.70X	0.40 =	3.76 "	
Front	4X	0.40X	0.60 =	0.96 "	
Side	4X	5.60X	0.60 =	13.44 "	
Top	2X	5.60	0.40 =	4.48 "	
Front	4X	0.40X	0.60 =	0.96 "	
side	2X	4.0 X	5.50X	0.60 =	26.40 "
Top	2X	2.00X	5.50X	0.40 =	8.8 "
Front	2X	4.0X	0.40X	0.60 =	1.92 "
	Total Qty				72.0 M ²
3/2	Construction of sub				
	grade and pathan				
	Shoulder do do				
	all com job				
	2X3X	30.0X	0.875X	0.450 =	70.87 M ³
	2X3X	30.0X	0.875X	0.450 =	70.87 "
	Total Qty				141.74 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					87 141.74 M ³
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X3	30.0X	0.875X	0.450=	70.87 "
	2X2X	30.0X	0.875X	0.450=	47.25 "
					Total 755.95 M ³
4/26	painting on parapet wall including				

	primer coat				
	black & white Rnp				
side	4X	4X	0.60 =		9.60 M ²
Top	2X	4X	4.70 =		37.60 "
Front	4X	0.40X	0.60 =		0.96 "
side	4X	4X	0.60 =		9.60 "
Top	2X	4X	5.60 =		44.80 "
Front	4X	0.40X	0.60 =		0.96 "
side	4X	4X	0.60 =		9.60 "
Top	2X	4X	5.50 =		44.0 "
Front	4X	0.40X	0.60 =		0.96 "
side	4X	4X	0.60 =		9.60 "
Top	2X	4X	5.50 =		44.0 "
Front	4X	0.40X	0.60 =		0.96 "
					Total 212.64 M ²

Continuation

$$58.85 \div 0.075 = 784.66 \text{ m}^2$$

	$4 \times 5.29 \times 1.70 =$	<u>35.97 y</u>
	$\leftarrow \text{total qty } 3635.97 \text{ m}^2$	
7/8	providing and laying SDRC do all	
	$10 \times 30.0 \times 3.75 \times 0.025 =$	<u>28.12 m³</u>
	$10 \times 30.0 \times 3.75 \times 0.025 =$	<u>28.12 "</u>
	$10 \times 30.0 \times 3.75 \times 0.025 =$	<u>28.12 y</u>
	$2 \times 30.0 \times 3.75 \times 0.025 =$	<u>5.62 "</u>
	$4 \times 5.29 \times 1.70 \times 0.025 =$	<u>0.899 "</u>
	$\leftarrow \text{Total Qty } 90.87 \text{ m}^3$	

~~Sum~~
12/05/25
JFE

12/12/25
A 12

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Report Entry					
Date of Entry					3/06/25
1/9					Construction of dry lean concrete & do
	4X	4.30X	1.50	$\times 0.075 =$	1.930 M ³
	5X	3.75	$\times 1.42$	$\times 0.075 =$	1.99 "
				Totally	3.92 M ³
2/10					Construction of panno concrete with M30 grade & do cell
	5X	30.0X	3.75	$\times 0.125 =$	70.31 M ³
	5X	30.0X	3.75	$\times 0.125 =$	84.37 M ³
	1X	15X	3.75	$\times 0.125 =$	7.03 M ³
	3X	3.70X	1.16	$\times 0.125 =$	1.60 "
				Totally	163.31 M ³
3/12					Construction of subgrade and earthen shoulder
	2X6X	30X	0.375	$\times 0.150 =$	20.25 M ³
	2X5X	30.0X	0.375	$\times 0.150 =$	16.87 "
	2X1X	15.0X	0.375	$\times 0.150 =$	1.68 "
				Totally	38.80 M ³
4/12					providing and fixing km stone &
				Totally	3.0 Nos
5/13					providing and fixing 200 M post &
				Totally	5.0 Nos
6/14(i)					providing 60mm equal
				Totally	8.0 Nos

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7/140ii providing and fixing 600mm circular					
				Total Qty	4.0 Nos
8/140iii providing and fixing 600x450mm rect					
				Total Qty	2.0 Nos
9/140iv providing and fixing 900mm side octagon					
				Total Qty	2.0 Nos
10/15 providing and fixing stone guard					
				Total Qty	44.0 Nos

11/17 planting of trees by the road side					
				Total Qty	48.0 Nos
12/19820 providing & laying of apparel from BT surface					
				$2 \times 10 \times 30.0 \times 0.100 =$	60.0 M^2
				$2 \times 10 \times 30.0 \times 0.100 =$	$60.0 "$
				$2 \times 12 \times 30.0 \times 0.100 =$	$72.0 "$
				$2 \times 6 \times 0.500 \times 2.00 =$	12.0
				Total Qty	204.0 M^2

13/21 providing thermoplastic Compound					
				$2 \times 11 \times 30.0 \times 0.100 =$	66.0 M^2
				$2 \times 1 \times 15.0 \times 0.100 =$	$3.0 "$
				Total Qty	69.0 M^2

3/06/25
J.E

Continuation

3/06/25
A.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st on A/c Bill					
Name of work - Repair of Road from					
Katihar Manihari p.w.D					
Road to Maratola					
Name of Agency - Vishal Aemend					
Korhat bari Madhubani p.w.D					
Agreement No - 27 MBD/2024-2025					
D/work start - 20/09/2024					
D/work completion - 19/06/25					

Abstract of Cost

Date of Entry -

1/1 cleaning and grubbing
road land by manual

0.260 Hec Qty vide TMSP item ①

@ 76926.08/Hec & 20000 = 00

2/3 Construction of G.S.B by
providing well graded

45.0 M³ Qty vide TMSP item ②@ 2353.07 M³ & 105888 = 00

3/4 providing laying spreading
and compacting WBM/HP

36.23 M³ Qty vide TMSP item ③@ 5005.22/M³ & 181339 = 00

4/5 providing laying spreading
and compacting WBM/HP

68.0 M³ Qty vide TMSP item ④@ 4831.56/M³ & 328546 = 00

Continuation

00 & 635774 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					18 F K 635774=00
5/22 providing and fixing					
MMU information beam					
2.0 No & ty vide TMBP 6 item (5)					
@ 11636.84 each					23 274=00
6/29 Brick Masonry work					
(1:3) repair work.					
3.26 M ³ & ty vide TMBP 7 item (6)					
@ 6233.01/M ³					K 20320=00
7/28 plastering with cement					
Mortar cement (1:4) &					
72.0 M ² plastering with cement					
Mortar & do all					
@ 222.50/M ²					K 16020=00
8/2 construction of subgrade					
and bottom shoulder					
755.95 M ³ & ty vide TMBP 7 item (3)					
38.80 M ³ & ty vide TMBP 10 item (3)					
794.75 M ³					@ 264.72/M ³ K 210386=00
9/26 painting on parapet wall					
including primer &					
212.64 M ² & ty vide TMBP 8 item (4)					
@ 139.16/M ²					K 29591=00
10/6 providing and apply					
primer coat (SS-1)					
784.66 M ² & ty vide TMBP 9 item (5)					
@ 57.96/M ²					K 45479=00
					1100 980 844=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			RTM	980	844 = 00
11/7 providing and apply hack coat (RS-1) d-d					
3635.97 M ² Qty vide TMB p 9 item (4)					
@ 19.89 / M ²			4	72319	= 00
12/8 providing and laying SDBC d-d					
90.87 M ³ Qty vide TMB p 9 item (2)					
@ 13424.18 / M ³			6	1219855	= 00
13/9 construction of dry lean concrete d-d					
3.92 M ³ Qty vide TMB p 10 item (1)					
@ 5309.40 / M ³			4	20813	= 00
14/10 construction of panel concrete d-d					
163.31 M ³ Qty vide TMB p 10 item (2)					
@ 8910.87 / M ³			4	1455234	= 00
15/12 providing and fixing KM Stone d-d					
3.0 Nos Qty vide TMB p 10 item (4)					
@ 2964.83 each				8894	= 00
16/13 providing and fixing 200mm post d-d					
5.0 Nos Qty vide TMB p 10 item (5)					
@ 823.03 / each				4115	= 00
17/14/1 providing 600mm equivalent					
6.0 Nos Qty vide TMB p 10 item (6)					
@ 4467.04 each				26802	= 00
			CLM	3788876	= 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			181	3788	876=00
18/14(ii) providing 600mm circular d-d					
4.0 Nos Qty vide TMS p 11 item ⑦					
@ 4309.35 each					17237=00
19/14(iii) providing and fixing 600x450 mm d					
2.0 Nos Qty vide TMS p 11 item ⑧					
@ 4164.82 each					8330=00
20/14(iv) providing and fixing 900 mm side octagon					
2.0 Nos Qty vide TMS p 11 item ⑨					
@ 8634.18 each					17268=00
21/15 providing and fixing stone guard ^{planting of trees}					
48.0 Nos Qty vide TMS p 11 item ⑩					
@ 1305.10 each					62645=00
22/19/20 providing road marking					
204.0 M ² Qty vide TMS p 11 item ⑪					
@ 886.50 / M ²					180846=00
23/15 providing and fixing stone guard d-d					
44.0 Nos Qty vide TMS p 11 item ⑫					
@ 758.08 Each					33356=00
24/21 providing & laying thermoplastic					
69.0 M ² Qty vide TMS p 11 item ⑬					
@ 1005.95 / M ²					69411=00

Continuation

C/OB 4177969=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF B 4177969=00
Add Const 18% @					752034=00
Add L. & S. 1% @					41780=00
Add S. fee					49192=00
					Total Rs 5020975=00
Less 16.99% below					(-) 853064=00
					Total Rs 4167911=00

~~Amul~~
3/06/25
J.E

~~Amul~~
3/06/25
A-E

≡

1. Construction Length - 1.305 KM.
2. Actual date of comp. - 3/06/25
3. No of trees - planted - 48
4. Value of MB - 4167911=00
5. No of habitation connected - 2

~~Amul~~
3/06/25
J.E