

11) MIR-3054 નીચેના ડાકી થાકુરબારી PMGISY to
Vikramgarh Primary School Tak.

Schedule XLV-Form No. 134

મી. 421 ૫૫

DIVISION

મી. ૫૫

SUB-DIVISION

M.B. No - 279.
21-22

MEASUREMENT BOOK

કોઈ પણ મી. ૫૫

પ્રમાણિત પાનના બિલ પર રૂ. ૩૫ ની બિલ
પ્રમાણિત પાનના બિલ નંબર - ૧૦૦ (૨૦૨૧)
પ્રમાણિત પાનના બિલના અધિકારી, રાજીવ
ચાંદ પાનના બિલના અધિકારી, મોના
બિલ નંબર ૧૦૦


24/8/21
Executive Engineer
Rural Works Department
Works Division, Phulparas
24.8.21

Sch. XLV - Form No. 134

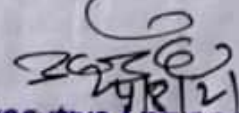
મોના DIVISION
મોના SUB-DIVISION

Measurement Book

No. 279.

21-22

Name of Officer


24/8/21
Executive Engineer
Rural Works Department
Works Division, Phulparas
24.8.21

Date of first entry

Date of last entry

(i) M/A-3054 મોના બિલ - રાજીવ થાકુરબાદી પાનના બિલના અધિકારી, મોના બિલ નંબર ૧૦૦

1st on A/c 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st Name of Work:-					
					Const. and
					maintenance of
					road Dakahi
					Thakurbari PMGSY
					to Vikramshen
					Primary school
					under MR 3054
2nd Name of Agency					
					Phuldev Yadav

Agreement No. 01MBD/2021-22
 Date of Commencement:- 07.06.2021
 Date of Measurement:- 12.03.2022

Item No. 01	
Clearing &	
grubbing road land	
2 Hs. x 6 Hs. x 30m x 1.00m	3660.00 M ²
2 Hs. x 1 Hs. x 20m x 1.00m	40.00 M ²
	3700.00 M ²
	Qty 0.37 H

Item No. 02	
Const. of earthen	
shoulders	

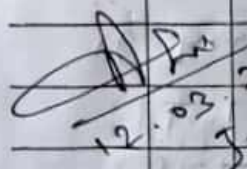
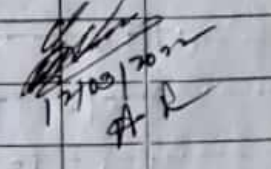
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
L.H.S.	10 H ₂	30m	$\frac{1 + 1.10 + 1.20}{3}$		$\times 0.40$
					$= 132.00 \text{ m}^3$
	11 H ₂	12m	$\frac{1 + 1.10 + 1.20}{3}$		$\times 0.40$
					$= 5.28 \text{ m}^3$
	12 H ₂	30m	$\frac{1.20 + 1.30}{2}$		$\times 0.40$
					$= 180.00 \text{ m}^3$
	1 H ₂	14m	$\frac{1.20 + 1.30}{2}$		$\times 0.40$
					$= 7.00 \text{ m}^3$
	34 H ₂	30m	$\frac{1.10 + 1.15 + 1.25}{3}$		$\times 0.40$
					$= 476.00 \text{ m}^3$
	1 H ₂	4m	$\frac{1.10 + 1.15 + 1.25}{3}$		$\times 0.40$
					$= 1.87 \text{ m}^3$
R.H.S.	12 H ₂	30m	$\frac{1 + 1.10 + 1.25}{3}$		$\times 0.40$
					$= 160.80 \text{ m}^3$
	1 H ₂	14m	$\frac{1 + 1.10 + 1.25}{3}$		$\times 0.40$
					$= 6.25 \text{ m}^3$
	14 H ₂	30m	$\frac{1.20 + 1.30}{2}$		$\times 0.40$
					$= 210.00 \text{ m}^3$
	1 H ₂	8m	$\frac{1.20 + 1.30}{2}$		$\times 0.40$
					$= 4.00 \text{ m}^3$
	31 H ₂	30m	$\frac{1.10 + 1.20}{2}$		$\times 0.40$
					$= 427.80 \text{ m}^3$
					$1,611.00 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. 03					
Tack Coat					
20 No. x 30m x $\frac{(3.90 + 3.80 + 3.75)}{3}$					$= 2290.00 \text{ m}^3$
41 No. x 30m x $\frac{(3.68 + 3.75 + 3.90)}{3}$					$= 4645.20 \text{ m}^3$
1 No. x 20m x $\frac{(3.68 + 3.75 + 3.90)}{3}$					$= 75.53 \text{ m}^3$
					7010.83 m^3
Item No. 04					
Semi-Dense Bituminous Concrete					

20 No. x 20m x $\frac{(3.90 + 3.80 + 3.75)}{3} \times 0.025$					$= 57.25 \text{ m}^3$
41 No. x 30m x $\frac{(3.68 + 3.75 + 3.90)}{3} \times 0.025$					$= 116.13 \text{ m}^3$
1 No. x 20m x $\frac{(3.68 + 3.75 + 3.90)}{3} \times 0.025$					$= 1.89 \text{ m}^3$
					175.27 m^3

 12.03.2022
 12/03/2022
 J. E. A. R.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date 19.03.2022					
Item No. 01					
Kilometre stone					
(i) Km stone - 3 Nos.					
(ii) 200m stone - 7 Nos.					
Item No. 02					
Retrospective raised					
Traffic Signs					
(i) 600mm equilateral triangle - 7 Nos.					
(ii) 600mm Circular - 2 Nos.					
(iii) 600mm x 450mm rectangles - 6 Nos.					
Item No. 03					

Boundary Pillar - 20 Nos.

Item No. 04

Road marking with
hot applied thermoplastic compound on
Bituminous surface

$$2 \text{ Nos.} \times 6 \text{ Nos.} \times 20 \text{ m} \times 0.100 = 366.00 \text{ m}^2$$

$$2 \text{ Nos.} \times 1 \text{ No.} \times 20 \text{ m} \times 0.100 = 4.00 \text{ m}^2$$

$$370.00 \text{ m}^2$$

Item No. 05

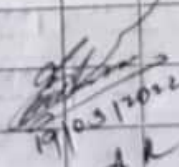
Providing & fixing
Logs of maintenance
project

2 Nos.

19.03.2022
J.E.

Continued

19/03/2022
H.R.

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
<u>Material Statement</u>					
Earthwork :-					1611.00 m ³
stone chips :-					250.80 m ³
Filler :-					7.74 Ton
<u>S. Fee</u>					
1. Earthwork					
1611.00 m ³ @ R 23 = 48/m ³ x 10%					
					R 3831 = ..
2. Semi Dense Bituminous Concrete					
175.1744 m ³ @ R 717 = 97/m ³ x 10%					
					R 12596 = ..
					R 16407 = ..
 19/03/2022 S. E  19/03/2022 S. E					

Continuation

Abstract of Estimate

Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date:-	19.03.2022				
Item No. 01					
(Leasing & grubbing road land (By manual means)					
Vide the M.B. Page 01 - 0.37 H					
0.37 H @ Rs 51137 = 38/H					
→ Rs 18,921 = ..					
Item No. 02					
(Construction of earthen shoulders					
With approved material					
Vide the M.B. Page 02 - 1611.00 m ³					
1,611.00 m ³ @ Rs 191 = 64/m ³					
→ Rs 3,08,732 = ..					
Item No. 03					
(Providing and applying tack coat					
Vide the M.B. Page 03 - 7010.83 m ²					
As per B.O.D - 7006.875 m ²					
7006.875 m ² @ Rs 14 = 88/m ²					
→ Rs 1,04,262 = ..					
Item No. 04					
(Providing & laying dense bituminous					
concrete as per MORTH					
Rs 4,31,915 = ..					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Specification					175.27
Vide the M.B. Page 2- m ²					
As per B.O.D - 175.1744 m ²					
175.1744 m ² @ Rs 11,755.80/m ²					
					Rs 20,59,315 = 00
Item No. 05					
R.C.C. M15 grade					
Kilometre local stone					
of standard design					
↓ km stone →					
Vide the M.B. Page 4-3 Nos					
3 No @ Rs 2483 = 30/Ho					

					Rs 7,450 = 00
iii) 200m stone					
Vide the M.B. Page 4-7 Ho					
7 Ho @ Rs 651 = 20/Ho					
					Rs 4,563 = 00
Item No. 06					
Providing & fixing of					
retro reflective					
cautionary & informatory sign					
iv) 600mm equilateral triangle					
Vide the M.B. Page 5-7 Ho					
7 Ho @ Rs 3,559 = 87/Ho					
					Rs 24,919 = 00

Rs 25,28,162 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vii) 600mm circular					
Vide this M.B. Page 04 - 2 Nos					
2 Nos @ Rs 3824 = 05/16					
→ Rs 7,648 = 00					
viii) 600mm x 450mm rectangular					
Vide this M.B. Page 04 - 6 Nos.					
6 Nos @ Rs 3696 = 13/14					
→ Rs 22,177 = 00					
Item No 07					
R.C.C. Margin boundary					
pillars of standard					
design					

Vide this M.B. Page 4 - 20 Nos

20 No @ $\text{Rs } 548 = 20/14$

$\rightarrow \text{Rs } 10,964 = 00$

Item No. 08

Providing & laying
of hot applied thermo
plastic compound 2.5mm
thick

Vide this M.B. Page 4 - 370.00 m²

370.00 m² @ $\text{Rs } 721 = 31/14$

$\rightarrow \text{Rs } 2,67,107 = 00$

Item No. 09

Providing & fixing

$\text{Rs } 28,36,058 = 00$

Q. 28, 36, 058.

Continuation