

सिद्धि और इस से प्रतीति आता है
Schedule XLV-Form No. 134

M.B. R.V.D Bhabua. DIVISION

BHA Bhua. SUB-DIVISION

MEASUREMENT BOOK

11B No-1959

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Final Bill</u>					
<u>(Final Bill of Construction Work)</u>					
N/w — Sonhan Bazar Road to Pusudi via Rampur.					
Agency— M/s Ram Chhabila Rai					
Agreement No — MBS-09/2023-24					
Date of start of work — 26.9.23					
Intended date of completion — 25.6.24					
Accepted Rate — 10% below.					
Date of actual completion — 24.6.24					
D/E — M/G/24 — 28/6/24.					
C/I <u>Padding and obtaining</u> <u>tack coat with bit. emulsion</u> <u>PSA.</u>					
<u>Extra at curves.</u>					
At 0+0 — $20.0 \times (5.50 - 3.75\text{m}) = 35.0\text{m}^2$					
At 20m — $15.0 \times \left[\frac{5.50 + 3.75 - 3.75}{2} \right] = 13.125$					
At 28m — $20.0 \times \left[\frac{4.35 + 3.75 - 3.75}{2} \right] = 6.00$					
At 3250 — $30.0 \times \left[\frac{5.50 + 3.75 - 3.75}{2} \right] = 26.25$					
At 5100m — $30.0 \times \left[\frac{4.75 + 3.75 - 3.75}{2} \right] = 15.0$					
At 2045.0m — $30.0 \times \left[\frac{5.00 + 3.75 - 3.75}{2} \right] = 18.75$					
At 2640m — $30 \times \left[\frac{6.10 + 3.75 - 3.75}{2} \right] = 35.25$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH 3405-3420m.					
	15.0	$\frac{3.75+5.60}{2}$	3.75		$= 13.87m^2$
3420-3435m					
	15.0	$\frac{5.60+6.07}{2}$	3.75		$= 30.75m^2$
3435-CH 3535m					Bridge.
4415-4435m.					
	20.0	$\frac{8.00+3.75}{2}$	3.75		$= 42.50m^2$
					$236.49m^2$

1416728
m

(2) Provision of laying form
dense bituminous concrete
—do— all complete as per
tech. specification.

Extrag at curves.

$$20.0 \times \left[\frac{5.50 + 3.75}{2} \right] \times 0.025m = 0.875m^3$$

$$15.0 \times \left[\frac{5.50 + 3.75}{2} - 3.75 \right] \times 0.025m = 0.328m^3$$

$$20.0 \times \left[\frac{4.35 + 3.75}{2} - 3.75 \right] \times 0.025m = 0.150m^3$$

$$30.0 \times \left[\frac{5.50 + 3.75}{2} - 3.75 \right] \times 0.025m = 0.656m^3$$

$$30.0 \times \left[\frac{4.75 + 3.75}{2} - 3.75 \right] \times 0.025m = 0.375m^3$$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	30.0	$\frac{5.00 + 3.75}{2}$	3.75		$\times 0.025 \text{ m}$ $= 0.469 \text{ m}^3$
	30.0	$\frac{6.10 + 3.75}{2}$	3.75		$\times 0.025 \text{ m}$ $= 0.881 \text{ m}^3$
Near	15.0	$\frac{3.75 + 6.60}{2}$	3.75		$\times 0.025 \text{ m}$ $= 0.347 \text{ m}^3$
Bridge	15.0	$\frac{5.60 + 6.00}{2}$	3.75		$\times 0.025 \text{ m}$ $= 0.769 \text{ m}^3$
Near	20.0	$\frac{3.75 + 8.00}{2}$	5.15		$\times 0.025 \text{ m}$ $= 1.062 \text{ m}^3$
NH.					$= 5.912 \text{ m}^3$

Done

14.06.24

14.06.24

17/2

Next entry —

(1) Paving / Fixing Rec 1015
grade in

(i) 100 mm stones — 5 Nos

(ii) 200 mm stones — 17 Nos

(2) Paving / Fixing of sub-surf.
caution & information
traffic sign

(i) 600 mm equilateral Triangle

Continuation

— 6 Nos

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) 600mm circular —					14 Nos
(111) 600 x 750 mm					
set angles —					14 Nos.
(3) Ponding & laying of					
hot thermoplastic compound					
for Road marking					
$134 \times 30.0m \times 0.100 \times 2$					
$= 807.0m^2$					
$15.0 \times 30.0 \times 0.100 \times 2 = 3.0m^2$					
$20 \times 30.0 \times 0.100 \times 2 = 120.0m^2$					
$807.0m^2$					
(4) Ponding & fixing of typical					
M.C.S.Y. intermediate					
sign board					
— 2 Nos.					
(5) Ponding / fixing guard stone					
boundary stones					
— 88 Nos.					
(6) concrete of sub-grade and					
earthen shoulder with					
appd material obtained from					
borrow pits with Levee					
up to 1000mm.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$20 \times 30.00 \times 1.15 \times 0.150 \times 2$					$= 207.00 \text{ m}^3$
$20 \times 30.0 \times 1.15 \times 0.150 \times 2$					$= 207.00$
$20 \times 30.0 \times 1.15 \times 0.150 \times 2$					$= 207.00$
$10 \times 30.0 \times 1.15 \times 0.150 \times 2$					$= 103.50 \text{ m}^3$
$8 \times 30.0 \times 1.150 \times 0.150 \times 2$					$= 82.80 \text{ m}^3$
$15.0 \times 1.15 \times 0.150 \times 2$					$= 5.77$
$10 \times 30.0 \times 0.600 \times 0.160 \times 2$					$= 57.60$
$10 \times 30.0 \times 0.600 \times 0.160 \times 2$					$= 57.60$
					927.67 m^3

(7) Planting of trees by
road side with tree gauge
and maintain for one year
— 206 Nos.

(8) Maintenance of culverts—

(i) Plastering with crossity
on border work / sub structure.
 $17 \times 6.00 \times 0.600 \times 4 = 244.80 \text{ m}^2$
 $3 \times 6.00 \times 0.600 \times 4 = 64.80$
 $20 \times 6.0 \times 0.400 \times 1 \text{ Nos} = 48.00$
 $20 \times 0.400 \times 0.600 \times 4 = 19.20$

Continuation

424.80 m²

Continuation

101777

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	927.67 m ³				vide item B P-30
	1214.67 m ³				
	CC RS 263786 m ³				
					Rs 346889.20
3. Consists of granular sub base by providing well graded materials (quarry material)					
	138.952 m ³				vide item B P-5
	CC RS 2617.44 m ³				
					Rs 363699.20
4. Providing laying and compacting stone aggregates of WBM Cr II specification					
	157.89 m ³				vide item B P-10
	CC RS 5512288 m ³				
					Rs 870587.20
5. Providing laying spreading and compacting stone aggregates of WBM Cr III					
	243.595 m ³				vide item B P-15
	CC RS 5213279 m ³				
					Rs 1290053.20
6. Providing and applying primer coat with bitumen emulsion (S-1)					

Continuation

2973005 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					3277.93 m^2 vide item B P. 15
					$\text{at } 60 = 52/10^2$
					$\text{— Rs } 196500 =$
7. Priming & applying Tack coat with bitumin emulsion P&I					
					19125.88 m^2 vide item B P. 22
					236.49 m^2 " " P. 27
					3881.93 m^2 vide item B P. 17
					15131.25 " " P. 18
					236.49 " " P. 27
					19249.67 m^2
					$\text{at } 20 = 80/10^2$
					$\text{— Rs } 406393 =$
8. Priming & laying & rolling of mixed bed surface materials of 20 mm size					
					3881.93 m^2 vide item B P. 17
					$\text{at } 241 = 15/10^2$
					$\text{— Rs } 936125 =$
9. Priming and laying dense bituminous concrete					
— all complete as per Tech specifications.					
					378.228 m^2 vide item B P. 19
					5.912 " " P. 28
					384.140 m^2

Continuation

4506025

Continuation

10113587

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16. Ponding and fixing of typical masonry information from board with Luro					
17. Ponding / Fixing gourd stone / Boundary Pillars					
18. Planting of trees and maintain for one year					
19. Plastering with cm (1:4) on B.M. in parapet of culvert					
20. Painting two coats on parapet					

Continuation

Rs 11396724 = m
11410245 =

