

Road name — Patna Gaya main Road to Janki
village via Ravids Tola

Schedule XLV-Form No. 134

EXECUTIVE ENGINEER PATNA DIVISION
R.W.D. WORKS DIVISION PATNA

SAMPATCHAK SUB-DIVISION

Summary Engineering

Measurement Book

M.B.No → 7512

1st by H/c Bell

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 ad / paving					
Point of road from Patna					
Gaya Main road to Jaimy					
village via cravides to					
under MR 203/1					
Agency - H/c Sunny Engineering					
NORTH, 21, Surya					
Apptment, Fozzy road					
Patna - 800001					
Agreement No- 19 HBP/22-23					
Date of Commencement- 31/1/23					
Date of Completion - 30/2/23					
Rate approved - 0.50% Below					
<u>Revised City Rate</u>					
(1) Clearing and grubbing					
road level (by manual					
means) — n/s — to					
$2 \times 20 \times 25.00 \times 2.00 = 2000.00 \text{ m}^2$					
$2 \times 20 \times 25.00 \times 2.00 = 2000.00 \text{ m}^2$					
$2 \times 20 \times 25.00 \times 2.00 = 2000.00 \text{ m}^2$					
$2 \times 9 \times 25.00 \times 2.00 = 900.00 \text{ m}^2$					
$2 \times 1 \times 1.00 \times 2.00 = 4.00 \text{ m}^2$					
Total est 6904.00 m ²					

or 0.69 Hect

Continuation Limit 0.69 Hect

2nd Audit Bill

26

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Cost of road					
from Patra gada Hain					
road to Lander village					
via Raudas Taluqa					
Sampatchal Taluqa HR 205					
Agency of Survey Engineering works					
for road, Patra					
Agreement no - 19 HRD/2022-23					
Date of commencement - 31/01/23					
Date of Completion - 30/08/23					
Contract rate - 0.50% per m					

Received Entry Date

(1/2) Cost of Subgrade and
carriage shoulder -

$$2 \times 12 \times 25 \times 1.125 \times 0.300 = 212.50$$

$$2 \times 1 \times 4 \times 1.125 \times 0.300 = 2.70$$

$$2 \times 4 \times 25 \times 0.900 \times 0.300 = 54.00$$

$$2 \times 1 \times 22 \times 0.900 \times 0.300 = 11.88$$

Total say 271.08

(2/2) Planting of Trees and
their Maintenance -

50 No.

Done by
20/08/23

Supervise
20/08/23

Continuation

Abstract of cost

27

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) clearing and grubbing second class (by means) including electricity - d-l.					
0.68 Hect. area T.H.B.P (19)					
@ ₹ 58709.27/Hect					₹ 39922.10
(2) Excavation for roadwork in soil with hydraulic excavator					
80.63 m ³ work T.H.B.P (19)					
@ ₹ 93.77/m ³					₹ 7582.00
(3b) Cost of subgrade and earth shoulder					
906.00 m ³ work T.H.B.P (19)					
271.08 m ³ work T.H.B.P (26)					
1177.08 m ³ work					
Unit 1053 m ³ @ ₹ 223.02/m ³					₹ 235635.00
(4) Cost of GSB layer and well graded material					
204.61 m ³ work T.H.B.P (20)					
@ ₹ 3075.42/m ³					₹ 629262.00
(5) Pro. laying & spreading and compaction WBM in 1:1					
103.73 m ³ work T.H.B.P (20)					
@ ₹ 4623.74/m ³					₹ 479621.00

Continuation

₹ - 1407002.00

Sch. XLV-Form No. 134

B.F. 8, 140, 7002-00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/2) Pro. and applying primer coat (SS+)					
1383.07 m ² steel T.H.B.P. (20)					
@ 52.65/m ²					₹ 72819.00
(7/8) Pro. buying and rolling of close-graded concrete surfacing					
1383.07 m ² steel T.H.B.P. (20)					
@ 231.01/m ²					₹ 319503.00
(8/8) Pro. and applying tar coat with bitumen emulsion (RS+)					
5208.07 m ² steel T.H.B.P. (20)					
@ 17.81/m ²					₹ 92758.00
(9/9) Pro. and laying semi dense bituminous concrete					
95.63 m ² steel T.H.B.P. (21)					
@ 11664.41/m ²					₹ 1115467.00
(10/10) Cost of dry lean concrete					
29.5 m ³ steel T.H.B.P. (21)					
@ 3962.24/m ³					₹ 117005.00
(11/11) Cost of Panel concrete					
334.67 m ³ steel T.H.B.P. (21)					
@ 785.75/m ³					₹ 262790.00

Continuation

81-5852454-00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/12) Supply and boundary					112,300
mm steel					
28.50m steel T.H.B.P (21)					
@ 4 898.921/24					20216.0
(13/14) km stone					
3 No. steel T.H.B.P (21)					
@ 4 2543.75/m					7646.0
(14/15) 200 m stone					
7 No. steel T.H.B.P (21)					
@ 4 720.44/m					5043.0
(15/16) 600 mm equivalent					
and Survey					
6 No. steel T.H.B.P (21)					
@ 4 2837.84/m					20029.0
(16/17) 600 mm circular					
6 No. steel T.H.B.P (22)					
@ 4 5195.82/m					31171.0
(17/18) 600 mm x 450 mm					
rectangular					
4 No. steel T.H.B.P (22)					
@ 4 5056.28/m					20225.0
(18/19) Boundary pillars					
16 No. steel T.H.B.P (22)					
@ 4 553.12/m					28950.0
(19/20) 100 mm x 100 mm					
steel T.H.B.P (22)					
@ 4 0.59 cm ² /m					47.0

Continuation

Pg. 5868689

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(20/21) planting of trees by the road side				
50 M ² with T.H.B.P (20)				
@ ₹ 1055.27/M ²				₹ 52843.00
(21/22) Pro. ad. laying of hot applied thermoplast. carpet				
200.00 M ² with T.H.B.P (21)				
@ ₹ 777.04/M ²				₹ 155408.00
(22/23) Pro. ad. laying of hot applied thermoplast. carpet				
140.00 M ² with T.H.B.P (22)				
@ ₹ 807.82/M ²				₹ 113095.00
(23/24) Pro. ad. laying of hot applied thermoplast. carpet				
210.00 M ² with T.H.B.P (23)				
@ ₹ 9949.25/M ²				₹ 198980.00
(24/25) plastering with C.H (1:4) on brick work				
20.16 M ² with T.H.B.P (24)				
@ ₹ 15900/M ²				₹ 320500.00
(25/26) Brick masonry work				
0.4 (1:3) in. parapet				
2.88 M ² with T.H.B.P (25)				
@ ₹ 5767.14/M ²				₹ 16609.00
(26/27) Putty two coats including priming coat				
20.16 M ² with T.H.B.P (26)				
@ ₹ 11060/M ²				₹ 223000.00
Continuation				₹ 623197.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			0/1	623	1977.0
Add (681 F.L.C)	19.1				1184076.0
Add 10.1.5F					83384.0
					7499437.0
Reductio 0.50% Bal.					37497.0
					7461940.0
Reductio 1st or 2nd					7357053.0
Payable amount					104887.0
Done by					
20/6/23					
Subs					
20/06/23					

Material statement

Earthwork - 271.08 cu yd
 @ 33.00/p 894.50
 10.1.5.F 894.00

Certified that work has been
 completed as per site specific

Done by
 20/6/23
 20/06/23
 AB

Nothing is due against Contractor
 on the work.

Continuation

Sch. XLV-Form No. 134

[illegible]

memo of pay	2	10	4887
S.D-Ske	2	52	4400
G.T-2ke	2	20	9800
L.C-1ke	2	104	9000
S.45F1ke	2	10	4900
C.45F1ke	2	10	4900
Tree (mn)	2	36	9900
Roy	2	89	4600
SF	2	8	9400
By chrs	2	47	56800
			10488700
Pass-1 for PR	10488700	one lakh	
four thousand eight hundred and eighty seven only		Eight hundred and eighty seven only	
			7
			7823

Executive Engineer
Rural Work Division
Work Division, Patna