

Road Name — Purnpun Subeksha Bardi to
Kusda

~~Survey~~ ~~Engineering~~

Schedule XLV-Form No. 134

EXECUTIVE ENGINEER

R.M.D. WORKS DIVISION PATNA DIVISION

SAMPATCHAK

SUB-DIVISION

Measurement Book

M.B.No-7516

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 and Five					
Year Maintenance of road					
from Pankun creek to					
Baroh to Kung Monada					
Agency - M/s Lunny Engineering work					
21, Lunny Apartment, Pankun					
Rating					
Agreement no - 19/HBO/2022-23					
Date of Agreement - 31/01/23					
Date of completion - 30/08/23					
Contract rate - 0.50/- Below					
Record Entry rate					
(1/1) clearing and grubbing					
road and (1/1) manual					
Area) - 10 - 10					
$2 \times 20 \times 30.00 \times 1.00 = 1200.00 \text{ m}^2$					
$2 \times 20 \times 30.00 \times 1.00 = 1200.00 \text{ m}^2$					
$2 \times 20 \times 30.00 \times 1.00 = 1200.00 \text{ m}^2$					
$2 \times 10 \times 30.00 \times 1.00 = 600.00 \text{ m}^2$					
Total 4200.00 m ²					
or 0.42 Hect					

Continuation

Estimate No. 21

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Cast of road from Punber Surksha Bandh to kura Nanda in Jambhachale blocks.					
Agency - H/c Jambhachale Engineering Works					
Tracer road. Rate					
Government no - 19430/2022-23					
Date of start - 31/1/23					
Date of completed - 30/8/23					
Contract rate - 0.50% below					
Abstract of cost					
(1) clearing and grubbing road bed (by manual means)					
0.42 Hect with T.H.B.P. (10)					
@ ₹ 58703.27/Hect = ₹ 24658.00					
(2) Scarifying the existing bituminous road					
262.50 m ² with T.H.B.P. (10)					
@ ₹ 18.51/m ² = ₹ 4859.00					
(3) cost of subgrade and earthen shoulder					
1089.00 m ² with T.H.B.P. (10)					
39.00 m ² with T.H.B.P. (17)					
1128.00 m ² @ ₹ 238.02/m ²					
= ₹ 268486.00					

Continuation

Rs. 298007.00

Sch. XLV-Form No. 134 RF = 298003

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/4) Const. of G.S.B. by spreading well graded material					
332.63 m ² well T.H.B.P (10)					
@ ₹ 2053.49/m ²					₹ 685106.00
(5/5) Pro. laying spreading of compacting clay against W.B.H. or II					
196.80 m ² well T.H.B.P (10)					
@ ₹ 4456.74/m ²					₹ 877086.00
(6/6) Pro. laying spreading of compacting W.B.H. or III					
496.60 m ² well T.H.B.P (10)					
@ ₹ 4344.04/m ²					₹ 2157250.00
(7/7) Pro. and applying finishing coat (SS-1)					
6628.13 m ² well T.H.B.P (10)					
@ ₹ 52.57/m ²					₹ 348441.00
(8/8) Pro. laying and rolling of close graded premix (Carpet)					
6628.13 m ² well T.H.B.P (10)					
@ ₹ 225.61/m ²					₹ 1495372.00
(9/9) Pro. and applying each coat (RS-1)					
6628.13 m ² well T.H.B.P (10)					
@ ₹ 17.79/m ²					₹ 117914.00

Continuation RS-597917200

Sch. XLV-Form No. 134

RF = 597922

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(10/10) Pro. of Applying Base coat (RS-1) - 1				
6228.13 m ² wide T.H.B.P (14)				
@ ₹ 14.82/m ² = ₹ 92229.00				
(11/11) Pro. of Applying Semi dense Bituminous concrete				
165.70 m ² wide T.H.B.P (12)				
@ ₹ 11376.84/m ² = ₹ 1885142.00				
(12/12) Cost of dry lean Cement concrete Sub Base				
9.09 m ² wide T.H.B.P (12)				
@ ₹ 3761.44/m ² = ₹ 34191.00				
(13/13) Cost of Panel Concrete, plain cement concrete pavement 400 - 1.				
165.70 m ² wide T.H.B.P (12)				
@ ₹ 7651.01/m ² = ₹ 1267772.00				
(14/14) Km stone - 1.				
4 m ² wide T.H.B.P (17)				
@ ₹ 2494.21/m ² = ₹ 9977.00				
(15/15) 200 m stone - 1.				
8 m ² wide T.H.B.P (17)				
@ ₹ 710.74/m ² = ₹ 5686.00				

Continuation RF: 928016920

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/16) Pro. and sup. of road actual 100 X 100 mm deep cast					
280 M ² weel T.H.B.P (12)					
@ ₹ 247.75/M ²					₹ 69426.00
(17/17) Supplying and installation of delineator					
37 M ² weel T.H.B.P (12)					
@ ₹ 1146.35/M ²					₹ 42423.00
(18/18) 600 mm equilateral & triangle - al					
14 M ² weel T.H.B.P (13)					
@ ₹ 3802.24/M ²					₹ 53215.00
(19/19) 600 mm circular - al					
4 M ² weel T.H.B.P (13)					
@ ₹ 5165.62/M ²					₹ 20662.00
(20/20) 600 mm X 450 mm rectangular - al					
4 M ² weel T.H.B.P (13)					
@ ₹ 5026.67/M ²					₹ 20107.00
(21/21) Reinforced Cement Conot M15 Boundary Pillars - al					
25 M ² weel T.H.B.P (13)					
@ ₹ 548.68/M ²					₹ 13717.00
(22/23) planting of trees and their Maintenance - al					

Continuation 81.9499 589.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
88 No. weels T.H.B.P (17)					
② 1054.87/m					93004.0
(23/24) Pro. and laying of hot applied thermoplastic compound					
375.00 m ² weels T.H.B.P (13)					
② 777.04/m ²					291390.0
(24/25) Pro. and laying of hot applied thermoplastic compound					
70.00 m ² weels T.H.B.P (14)					
② 807.82/m ²					56547.0
(25/26) Pro. and fixing of typical deformatory sign board					
2 No. weels T.H.B.P (14)					
② 9898.21/m ²					29695.0
(26/27) Plastering with C.H (1:1)					
on brick masonry					
83.32 m ² weels T.H.B.P (18)					
② 158.58/m ²					14006.0
(27/28) Brick masonry masonry in C.H (1:3) in parapet					
2.88 m ³ weels T.H.B.P (18)					
② 5751.95/m ³					16566.0

Continuation

BF = 1000029120

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RF = 1000797

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28/39) Painting two coats including primer coat m ² =					
88.39 m ² with T.H. (18)					
@ ₹ 110.50/lit					₹ 9768.00
					₹ 10010.565.00
Add (GST + 6%) 19%					₹ 1902007.00
Add 10% S.F. (+)					₹ 150725.00
					₹ 12063297.00
Deduct 0.50% below					₹ 60316.00
					₹ 12002981.00
Deduct 1% on the Bill					₹ 11814670.00
Payable amount					₹ 128311.00

Done by
5/10/23
or

Subsign
05/10/23

Certified that work has been completed as per specifications.

Done by
5/10/23
or

Subsign
05/10/23
AK.

Nothing is due against contractor on this work.

Continuation

Amount vide L.F. No. 84 dt 8/6/23
 Rs. 12024578.00 Bal. - 209608.25
 and on 11/25

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.F.					
39.00 m ² @ 4		33.00/105			1287 m
1440 m ² @ 4		5.06/105			7286 m
0.72 m ² @ 4		494/105			356 m
					8929 m
					10% S.F. 893 m

Material statement

earthwork - 39.00 m ²					
stone masonry Bricks - 1440 m ²					

Coarse sand - 0.72 m ²					
memo of page 4 - 2					188311.00
S.D-S 1/2					9416.00
G.T-2 1/2					3767.00
L.L-1 1/2					1884.00
S.U.S-F 1 1/2					1884.00
C.U.S-F 1 1/2					1884.00
Tree (M.D)					65103.00
Roy					142020.00
S.F					893.00
Rychn					102060.00
					167163.00
					188311.00

Paid for Rs. 188311.00 one Lakh
 Eighty eight thousand three hundred and eleven
 only

Executive Engineer
 Rural Work Department
 Work Division, Patna

6/8/23
 4/8/23