

प्रमाणित किया जाता है, कि इस
मापी पुस्त में कुल 100(एक सौ) पन्ना हैं
जो अंको में छापी गई है इस मापी पुस्त
को...
ग्रामीण कार्य विभाग कार्य अवर प्रमण्डल
निर्गत किया जाता है.

कार्यकर्ता : विक्रम कुमार पांडेय

कार्यपालक अधिकारी
ग्रामीण कार्य विभाग, कार्य प्रमण्डल
नरकटिया
25.1.24

Sch. XLV-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 1744

23-24

Name of officer

Date of first entry

Date of last entry

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 measurements relating to each work).

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
Name of work - Const. of Road					
from Songerha Bathaning Road					
to Bherikarua via High school					
middle school.					
Agency - Vikash Kumar Pandey					
Ag. No - N24/23-24					
Date of Start - 11.01.2024					
Date of completion - 10.01.2025					

work done					
1/1 Const. of Reference & working Benchmark					
— 00 —					1.084 km
2/2 Const. of Reference Pillars / Boundary					
— 00 —					1.084 km
3/3 Clearing & grubbing Road land					
2 X 7 X 30 X 1.65 =					693
2 X 11 X 20 X 1.50 =					990
2 X 9 X 30 X 1.50 =					810

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		2 x 9	3.0 x 1.50		8.10
		2 x 1	4 x 1.75		14
		Total			3.317 m ²
					0.22 H
3/39 P.V. & fixing masonry					
Sign Board - 00 -					01 Nos
4/4 Excavation for					
roadway in soil					22.05
2 x 7 x 2.0 x 0.5 x 0.10					22.05
2 x 9 x 2.0 x 0.5 x 0.10					
2 x 9 x 3.0 x 0.5 x 0.10					28.35
2 x 1 x 28.00 x 0.5 x 0.10					2.94
					33.34 m ²
5/5 Const. of subgrade					
& Portion Shoulder					
19 x 30.00 x 8.3 + 7.1 x 0.300					1316.7
					2
1 x 6.0 x 8.30 + 7.10 x 0.300					13.86
					2
					1330.56 m ³
6/5 P.V. const. of embk.					
obtained from borrow					
bits - 00 -					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$80 \times 30 \left(\frac{7.50 + 6.00 + 4.81 + 3.50}{2} \right) \times 0.20 = 585.0$					
(A) - for 1000m load @ 70% 175.50 m					
(B) - for 1000m load @ 30% 409.50 m					
7/5 const. of G.S.B by well graded material.					
Bidding Portion:					
$6 \times 30.0 \times 20 \times 0.525 \times 0.100 =$					50.4
$1 \times 28.0 \times 200 \times 0.525 \times 0.100 =$					2.94
					53.34 m ³
 2.2.2024 J.E.					

Profile correction					
$5 \times 3.70 \times 1.05 \times 0.10 =$					1.94
$7 \times 4.10 \times 0.95 \times 0.10 =$					2.72
$2 \times 9.30 \times 0.80 \times 0.10 =$					1.48
$6 \times 11.2 \times 0.90 \times 0.10 =$					6.04
$8 \times 10.5 \times 0.90 \times 0.10 =$					7.56
Overlaying (Earthwork Portion)					
$8 \times 30.0 \times 4.05 \times 0.20 =$					194.4
$11 \times 30.0 \times 4.05 \times 0.20 =$					267.3
$1 \times 6.0 \times 4.05 \times 0.20 =$					4.86
At curve					
$2 \times 20 \left(\frac{4.05 + 5.90 + 4.05}{3} \right) \times 0.20 =$					4.93
$7 \times 30.0 \times 4.05 \times 0.10 =$					85.05

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
9 x 30.0 x 4.05 x 0.10 =					109.35
1 x 28.0 x 4.05 x 0.10 =					11.34
At curve					
3 x 20.0 (4.05 + 6.10 + 4.05) x 0.10 =					4.10
		3	4.05		
<i>[Signature]</i>				Total:	754.41 m ²

3/4 Earthwork in excavation for foundation - Do -					
30x 1 x 6.0 x 3.50 x 0.65 =					13.65
1 wall 2 x 3.50 x 1.80 x 1.80 =					16.38
2 wall 4 x 3.32 x 3.41 x 1.80 =					81.81
				Total	111.52 m ²

9/15 Plu PCC m-1m grade in foundation					
30x 1 x 6.0 x 2.50 x 0.10 =					1.5
2 wall 4 x 3.32 x 2.41 x 0.20 =					6.4
<i>[Signature]</i>				Total:	7.9 m ²

9/16 Plu PCC m-1.5 grade in foundation					
2 wall 4 x 2.92 x 2.01 x 0.20 =					4.69
4 x 2.92 x 1.91 x 0.20 =					4.46
4 x 2.92 x 1.81 x 0.20 =					4.23
4 x 2.92 x 1.71 x 0.20 =					3.99
4 x 2.92 x 1.61 x 0.20 =					3.76
4 x 2.92 x 1.51 x 0.20 =					3.52

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4x2.92x1.41x0.20 =					3.27
4x2.92x1.31x0.20 =					3.06
4x2.50x0.30x1.50 =					2.25
Total =					83.27 m ²

1/4 P.V. Pcc m-15 grade in
substructure

$$4 \times 2.92 \times 0.855 \times 1.95 = 19.47 \text{ m}^3$$

[Signature]
10/03/20

12/8 P.V. Supplying fitting
flooring + 1/20 bar - do -

6x2x40x2.50m x 0.89 kg/m =	
6x2x30x2.50m x 0.89 kg/m =	178 kg
6x2x40x3.80m x 0.89 kg/m =	132.5 kg
4x2x22x0.40m x 0.89 kg/m =	270.56 kg
6x11x6.00m x 0.89 kg/m =	15.66 kg
2x40x1.40m x 0.89 kg/m =	952.44 kg
4x40x1.15m x 0.478 kg/m =	99.68 kg
Total =	1163.375
<i>[Signature]</i>	1164 kg

13/19 P.V. Pcc m-25 grade.
in substructure - do -

$$1 \times 6.00 \times 2.50 \times 0.25 = 0.75$$

$$2 \times 6.00 \times 2.00 \times 0.25 = 6.00$$

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4x6.00x0.10x0.10 =					0.24
Total =					9.99 m ²
14/00 P.V. supplying fitting & placing H.Y.S.D. bar					
— DO —					
Slab upper					
1x40x2.50m x 0.67 k/m =					61.7 k
Slab lower					
1x40x2.50m x 0.89 k/m =					89 k
Distribution					
2x11x6.0m x 0.67 k/m =					81.44
2x40x1.40m x 0.67 k/m =					69.1

2x6x6.50m x 0.67 k/m =	96.25
2x4x1.20m x 0.67 k/m =	5.92
Total =	403.41 k
say -	0.403 MT

15/01 P.V. Rec m-25 grade
in substructure -

1x2.50x6.0x0.25 =	8.75
2x2.50x0.25x0.275 =	0.344
Total	4.094 m ³

Sharma

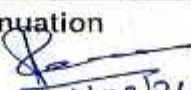
Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
16/2 Backfilling behind abutment - Do -					
$2 \times 2.72 \times 3.38 \times 1.95 =$					38.49
$2 \times 3.38 \times 0.60 \times 2.25 =$					9.125
$4 \times 2.32 \times 0.60 \times 1.95 =$					10.86
Total					18.50 m ³
17/2 Paving filter media					
$2 \times 3.38 \times 0.60 \times 2.25 =$					9.125
$4 \times 2.32 \times 0.60 \times 1.95 =$					10.86
Total					19.99 m ³
 15/03/24					

18/4 Drainage Sprockets					
- Do -					04 Nos.
19/5 Pile weepholes in abutment - Do -					32 Nos
20/6 Const. of Rec m-25 railing - Do -					
$2 \times 2.50 m$					5.0 m
21/ Cross Drainage Structure 800 mm dia					
$3.0 \times 7.0 \times 0.7 \times 0.6$					8.82 m ³

Continuation

 16/03/24  16/03/24
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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost.</u>					
1/4 const. of ref. & working Benchmark - per					
1.084 km - wide - P-1					
@ Rs 5869.590/km - Rs					6037.40
2/2 const. of ref. pillars					
1.084 km - wide - P-1					
@ Rs 2598.310/km - Rs					2816.57
3/2 clearing & grubbing of road land.					
0.830 H - wide - P-1					
@ Rs 29697.860/H - Rs					23990.29
4/4 P.V. fixing masonry sign board.					
01 nos - wide - P-2					
@ Rs 15609.750 - Rs					15608
5/4 excavation for roadway					
53.24 m ³ - wide - P-2					
@ Rs 179.660/m ³ - Rs					9583.06

Continuation

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Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
5/5 const. of embankment with approved materials 53.24 m ² - wide - P-2 Limit - 37.340 m ² @ Rq 27.450/m ² - Rs 2593.76				
7/6 const. of embankment up to 1000 m - P-2 409.50 m ² - wide - P-3 @ Rq 259.9/m ² - Rs 106429.05				
8/7 const. of embankment up to 100 m - P-2 175.50 m ² - wide - P-3 @ Rq 154.510 - Rs 82382				
9/9 const. of G.S.B by well graded material. 754.41 m ² - wide - P-4 Limit 248.290 m ² @ Rq 4492.230/m ² - Rs 8361491				
10/14 Earthwork in Excavation 111.54 m ² - wide - P-4 @ Rq 410.660/m ² - Rs 45,805				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
14/15 P.V. Rec m-15 grade in foundation					
7.9 m ³ — wide — P-4					
Q.R. 9307.300/m ³ — R. 73528					
14/16 P.V. Rec m-16 grade in foundation					
33.27 m ³ — wide — P-5					
Q.R. 8842.680 — R. 294196					
14/17 P.V. Rec m-15 grade in substructure					
19.47 m ³ — wide — P-5					
Q.R. 9133.770/m ³ — R. 177835					
14/18 supplying fitting + 1/2" Bar					
0.403 m ³ — wide — P-6					
Q.R. 89756.260/m ³ — R. 36172					
15/19 P.V. Rec m-25 grade in substructure					
4.094 m ³ — wide — P-6					
Q.R. 11199.410/m ³ — R. 45850					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
18/92 Backfilling behind abutment - do -					
18.80 m ² - wide - P-7					
QR 957.110 — R9					17706
19/96 P/v laying filter media - do -					
19.99 m ² - wide - P-7					
QR 4937.370 — R9					98698
18/97 Drainage sprouts					
04 Nos - wide - P-7					
QR 854.550 — R9					3418
19/93 P/v weepholes in abutment - do -					
32 Nos - wide - P-7					
QR 157.550 — R9					5042
20/28 Const. of RCC m-25					
050m - wide - P-7					
QR 6671.400/m R9					33357
21/91 cross drainage structure					
300 mm dia					
8.82 m ² - wide - P-7					
QR 410.66 — R9					3622.02

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Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
Total				Rs 4396160
Add GSP @ 18%				Rs 791309
Add L. cess @ 1%				Rs 43962
Add S. Fee				Rs 41709
Total				Rs 5273140
Less 0.02% @ per cent - E)				1055
Net Pay				Rs 5272085

22/8 Const of subgrade				
2 earthen shoulder				
1830.56 m ² - wide - R-2				
Rs 263.440				Rs 350523

Total				Rs 4746683
Add GSP @ 18%				Rs 854403
Add L. cess @ 1%				Rs 47469
Add S. Fee				Rs 45214
Total				Rs 5693769
Less 0.02% below @				1139
Net Pay				Rs 5692630

[Signature]

16.3.2024

J. E.

[Signature]

16/03/24

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Continuation

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