

Schedule XLV-Form No. 134

ଅମଳା ଚାନ୍ଦି ବିରାଜା ଚାନ୍ଦି ମାନ୍ଦା, ଶୁଭା
DIVISION

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SUB-DIVISION

MEASUREMENT BOOK

No-2328

Sch. XLV - Form No. 134

ગ્રામીણ કાર્ય વિભાગ કાર્મ પ્રમંડલ, પુર્વી DIVISION

કાર્મ અવર પ્રમંડલ, નાગપુર SUB-DIVISION

Measurement Book

No. 2328

Name of Officer શ્રી રામકુમાર સલ્વાધી

સહાયક અધિકારી કાર્મ અવર પ્રમંડલ, નાગપુર

Date of first entry _____

Date of last entry _____

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.	
N/Work:- Construction of Road					
& CD works with					
Maintenance for Harinagar					
Bhetua to Lohaita-purri					
hoamen path in Nampur block					
under Nabard.					
N/Agency:- Rajeev Kumar Singh					
vill- Ghoswar Hajipur					
Agreement No:- 35980/2020-21					

Date of Commence:- 31-08-20

Date of Completion:- 30-08-20

Work Done

(1/2) Providing & Fixing of
 working benchmark
 Pillars etc

(a) Working benchmark

Qty = 2.7 km

(b) Reference Pill

Qty = 2.7 km

(2/2) clearing & grubbing

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Road Land etc					
Qty = $2 \times 2.000 \times 3.5$					
= 13600 m^2					
$13600/10000 = 1.36 \text{ Ha}$					
				Qty = 1.36 Ha	
(3/4) Excavation for Roadway					
in soil using manual means					
etc.					
m BT 2x 10 x 30m x 0.525m x 0.1					231.5 m ³
2x 10 x 30m x 0.525m x 0.1					31.5 m ³
2x 30 x 30m x 0.525m x 0.1					94.5 m ³
2x 30m x 0.525m x 0.1					3.15 m ³
2x 20 x 30m x 0.525m x 0.1					63 m ³
2x 10 x 30m x 0.525m x 0.1					31.5 m ³
2x 10 x 30m x 0.525m x 0.1					31.5 m ³
2x 2 x 30m x 0.525m x 0.1					26.3 m ³
2x 10m x 0.525m x 0.1					10.5 m ³
				Qty = 294 m^3	
(1/2) Contr. of embankment with					
material obtained from					
borrow pit etc.					
(a) Lead 1000m					
Qty taken approximately					
25% of total Qty					
Qty = 507.02 m^3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(b) Lead 100 m					
Qty taken 25% of total Qty approximately					
Qty = 862.37 m ³					
(5/9+14) Constr. of granular sub-base by providing well graded material etc.					
m 87 Widening 2 x 10 x 30 m x 0.525 x 0.1 m = 31.5 m ³					
2 x 10 x 30 m x 0.525 x 0.1 m = 31.5 m ³					
2 x 30 x 30 m x 0.525 x 0.1 m = 94.5					
2 x 30 m x 0.525 x 0.1 m = 31.5 m ³					
2 x 20 x 30 m x 0.525 x 0.1 m = 63 m ³					
2 x 10 x 30 m x 0.525 x 0.1 m = 31.5 m ³					
2 x 6 x 30 m x 0.525 x 0.1 m = 18.9 m ³					
2 x 2 x 30 m x 0.525 x 0.1 m = 6.3 m ³					
2 x 10 m x 0.525 x 0.1 m = 1.05 m ³					
2 x 20 m x 0.525 x 0.1 m = 2.1 m ³					
Full width 5 x 30 m x $\frac{4.05+4.1}{2}$ x 0.1 m = 61.13 m ³					
5 x 30 m x $\frac{4.05+4.1}{2}$ x 0.1 m = 61.13 m ³					
5 x 30 m x 4.05 x 0.1 m = 60.75 m ³					
3 x 30 m x $\frac{4.05+4.1}{2}$ x 0.1 m = 36.67 m ³					
2 x 30 m x 4.05 m x 0.1 m = 24.3 m ³					
5 x 30 m x $\frac{4.05+4.15}{2}$ x 0.1 m = 61.5 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$5 \times 30 \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 61.13 \text{ m}^3$			
		$3 \times 30 \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 36.68 \text{ m}^3$			
		$2 \times 30 \text{ m} \times 4.05 \text{ m} \times 0.1 \text{ m} = 24.3 \text{ m}^3$			
		$20 \text{ m} \times 4.5 \text{ m} \times 0.1 \text{ m} = 9 \text{ m}^3$			
		$10 \text{ m} \times 4.05 \times 0.1 \text{ m} = 4.05 \text{ m}^3$			
		$5 \times 30 \text{ m} \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 61.13 \text{ m}^3$			
		$10 \times 30 \text{ m} \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 122.25 \text{ m}^3$			
		$5 \times 30 \text{ m} \times 4.05 \times 0.1 \text{ m} = 60.75 \text{ m}^3$			
		$5 \times 30 \text{ m} \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 61.13 \text{ m}^3$			
		$10 \times 30 \text{ m} \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 122.25 \text{ m}^3$			
		$5 \times 30 \text{ m} \times 4.05 \times 0.1 \text{ m} = 60.75 \text{ m}^3$			
		$5 \times 30 \text{ m} \times 4.05 \times 0.1 \text{ m} = 60.75 \text{ m}^3$			
		$5 \times 30 \text{ m} \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 61.13 \text{ m}^3$			
		$3 \times 30 \text{ m} \times \frac{4.05 + 4.1}{2} \times 0.1 \text{ m} = 36.68 \text{ m}^3$			
		$2 \times 30 \text{ m} \times 4.05 \times 0.1 \text{ m} = 24.3 \text{ m}^3$			
Profile Correction		$2 \times 20 \text{ m} \times 1.2 \text{ m} \times 0.1 \text{ m} = 4.8 \text{ m}^3$			
		$50 \times 1.5 \text{ m} \times 1.5 \text{ m} \times 0.1 \text{ m} = 11.25 \text{ m}^3$			
		$2 \times 20 \text{ m} \times 1 \text{ m} \times 0.1 \text{ m} = 4 \text{ m}^3$			
		$2 \times 10 \text{ m} \times 1 \text{ m} \times 0.1 \text{ m} = 2 \text{ m}^3$			
		$20 \text{ m} \times 1.5 \text{ m} \times 0.1 \text{ m} = 3 \text{ m}^3$			
		$15 \text{ m} \times 1.35 \text{ m} \times 0.1 \text{ m} = 2 \text{ m}^3$			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 12.5m \times 1.2m \times 0.1m = 3m^3$					
$2 \times 6.5m \times 1m \times 0.1m = 1.3m^3$					
$2 \times 8.5m \times 1.2m \times 0.1m = 2.04m^3$					
$2 \times 15m \times 1.3m \times 0.1m = 3.9m^3$					
$2 \times 12.5m \times 1.25m \times 0.1m = 3.12m^3$					
$2.5m \times 1.35m \times 0.1m = 3.37m^3$					
$2 \times 12.5m \times 1m \times 0.1m = 2.5m^3$					
20-01-21 JE	20-01-21 AB				Qty = 1423.30m ³
(6/25) f/v 2 Fixing of typical					
masonry - Informatory					
Sign board with logo					
etc.					
Logo notification Sign					
board = 1 No					
Citizen Information					
board = 1 No.					
Qty = 2 No.					
22-01-21 JE	22-01-21 AB				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
1/2) P/v & fixing of working benchmark					
(a) working benchmark pillar					
Qty vide TMB P-1					
Qty = 2.7 Km					
@ ₹ 4150 = 06/km — ₹ 11313 = 00					
(b) Reference pillar					
Qty vide TMB P-1					
Qty = 2.7 Km					
@ ₹ 1923 = 18/km — ₹ 5208 = 00					
2/3) clearing & grubbing Road land etc.					
Qty vide TMB P-2/					
Qty = 136 Ha					
@ ₹ 49496 = 7/Ha — ₹ 97014 = 00					
3/6) Excavation for Road way in soil using Manual means etc.					
Qty vide TMB P-2					
Qty = 234 m ³					
@ ₹ 74 = 1/m ³ — ₹ 21785 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/2) Constr. of embankment with material obtained from borrow pit etc.					
(a) Lead 1000 m					
Qty vide TMB P-2					
Qty = 507.02 m ³					
@ ₹ 175 = 11/m ³					₹ 88704 = 00
(b) For 100 m Lead					
Qty vide TMB P-3					
Qty = 862.37 m ³					
@ ₹ 138.27/m ³					₹ 119240 = 00

(5/3+14) Constr. of masonry sub-base by providing well graded material etc.					
Qty vide TMB P-3/5					
Qty = 1420.35 m ³					
@ ₹ 2606 = 28/m ³					₹ 3725286 = 00
(6/25) P/o & fixing of typical masonry formwork sign board with logo etc.					
Qty vide TMB P-5					
Qty = 2 No					
@ ₹ 11155 = 57/No					₹ 22311 = 00

Total = 4090941 = 00

Continuation

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