

Lachhanaki South 4019 Disfatur 404

Schedule XLV-Form No. 134

DIVISION

Piprasi

SUB-DIVISION

MEASUREMENT BOOK

Muma Kumar Jaiswal

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				Contents of area
	No.	L.	B.	D.	
Name of work: Construction of road from Lachhanaki South to Bisfahar					
Agency: Munoo Kumar Jaiswal, Begula West Champaran					
Agreement NO: SS-SBD of 20.21					
Agreement Amount: Rs. 2,12,95,638 w					
Date of start: 03/03/2021					
Date of completion: 02/03/2022					
Round measurement					

1 Clearing and grading road bed

$$2 \times 61 \times 30.00 \times 1.50 = 5450.00 \text{ m}^3$$

$$2 \times 1 \times 20.00 \times 1.50 = 60.00 \text{ m}^3$$

$$\text{Total} = 5550 \text{ m}^3$$

$$\text{Say} = 0.58 \text{ km}^3$$

2 Construction of Working Box = 1.850 km

3 Construction of Embankment

$$60 \times 30.00 \times \left(\frac{6+6.00}{2} \right) =$$

$$\left(\frac{4+4.00}{2} \right) \times 0.50 = 1800.00 \text{ m}^3$$

Construction of Embankment ... land

up to 1000 m (30% of total) = 540.00 m³

Construction of Embankment

land up to 100 m (70% of total) = 1260.00 m³

Continuation

Excavation for roadways			
2x5x30m	0.52x0.1m	=15.75 m ²	
2x6x30m	0.27x0.1m	=13.50 "	
2x1x20m	0.375x0.1m	=1.50 "	
Total =		30.75 m ²	

5. Construction of asphalt
and earthen shoulder

$46 \times 30.00 \times 6.67 \times 0.37 = 3303.58 \text{ m}^3$

08/03/2021
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Round measurement

2 Construction of Gender

Sub-base.

$$2 \times 5 \times 30.00 \times 0.525 \times 0.100 = 15.75 \text{ kg}$$
$$2 \times 6 \times 30.00 \times 0.375 \times 0.100 = 13.50 //$$

2X1X	20.00	0.375	0.100	1.50
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$$46 \times 30.00 \times 4.05 \times 0.200 = 1117.80 \text{ "}$$
$$5 \times 9.6 \times 1.75 \times 0.100 = 8.40$$

Total	1156.95 m ²
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$\frac{2}{2}$ providing and fixing

mm & sy Span	2 m.
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12/03/2021

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Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
1 Earth work	5103.58				($\frac{24.81}{1.51} \times 1.71$)
2 Stone metal	694.17 m ²				(620.62/m ²)
3 Stone metal	277.67 m ²				(514.58/m ²)
4 Crushed sand	416.50 m ²				(289.65/m ²)
<u>Material Statement</u>				<u>Amount</u> 12.05 m ² AE	
<u>Aspect of work</u>					
<u>Construction of working</u>					
B.M. side T.M. by w. 1 =					
1.850 km @ Rs. 6554.78/km Rs. 12940 = 0					
<u>2</u> <u>Cleaning and grading road</u>					
Road side T.M. by w. 1 = 0.58					
H.M. @ Rs. 53879 = 82/m @ Rs. 30173 = 0					
<u>3</u> <u>Const. of embankment - road</u>					
up to 1000 m side T.M. by					
m. 1 = 540.00 m ² @ Rs.					
190 = 14/m ² Rs. 102676 = 0					
<u>4</u> <u>Construction of sag grade</u>					
and center shoulder side					
T.M. by w. 2 = 3303.58 m ²					
@ Rs. 191.82/m ² Rs. 633693 = 0					

Continuation

Total Rs. 779482 = 0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/6 Construction of embankment —					
— land up to 100 m wide TMD					
pg no 1 = 1260 m ² @ Rs					
153 = 94 m ³					Rs 1739/4 = ∞
6/7 Excavation for road side					
TMD pg no. 2 = 30.75 m ²					
@ Rs. 75 = 61/4 m ²					Rs 2325 = ∞
7/9 Construction of granule sub-					
Sea side TMD pg no. 2 =					
1156.95 m ² @ Rs. 4325 64/4 m ²					Rs 5004549 = ∞
8/22 Providing and fixing masonry					
Sea side TMD pg no					
2 = 2 nos. @ Rs 13481 = 07					
per m ²					Rs 26962.00
Total Rs 60,07,232 = ∞					
Add 12% GST					Rs 720868 = ∞
Add 1% Cess					Rs 60072 = ∞
Add seigniorage fee					Rs 65393 = ∞
Total Rs 6853565 = ∞					
less 1.51% Below as per govt. Rs					1,03,489 = ∞
payable					67,50,076 = ∞
Accepted for					
12/03/21					
JE					
CDP					
Accepted for					
12.03.2021					
JE					

Continuation

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