

PMGSY Road to Bargarhi's b/s

Schedule XLV-Form No. 134

Freemant No. - 49 S&D of 20-21

DIVISION

SUB-DIVISION

Measurement Book

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: Cutt road from

PM 9.1 road to Barhatta 9.11

Agency: Aditya Kumar Tiwari

Location: West Champaran

Agreement No: Rs. 54878.97/2

Agreement No: 49 SAB of W-21

Date of start: 05/07/2022

Date of completion: 08/01/2024

Revised account

1. Construction of reference

pillars = 0.365 m

2. Clearing and grubbing

Land

2x 12x 30 m x 1.50 = 1080.00 m²

2x 1x 25 m x 1.50 = 75.00 m²

Total = 1155.00 m²

Soil = 0.12 m

3. Construction of embankment

12x 30 m x $\left(\frac{6.78-3.54}{2}\right)$

x 0.45 = 542.70 m²

1x 25 m x $\left(\frac{6.78-3.54}{2}\right)$ x 0.45 = 22.50 m²

Total = 575.20 m²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Construction of embankment					
width up to 100 m (70% of total) =					172.38 m
Construction of embankment					
width up to 100 m (70% of total) =					402.64 m
Excavation for roadway					
2X12X30 m X 0.375 X 0.10 =					27.00 m
2X1X25 m X 0.375 X 0.10 =					1.875 m
Total =					28.88 m
Accepted by					
18/08/20					

Revised measurement					
Construction of granular sub-base in P.C.C. part					
2X12X30 m X 0.375 X 0.10 =					27.00 m
2X1X25 m X 0.375 X 0.10 =					1.875 m
Total =					28.875 m
Do/ally 6X7.70X2 m X 0.10 =					9.24 m
Total =					38.115 m

2 provided & fixing masonry
 In temporary sign board = 2 nos.

Accepted by
 19/08/20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Lead masonry

1/2 Provisioning, laying, pointing and coping of stone courses

10 X 30.00 X 2.75 X 0.075 = 84.375 m³

2/ Construction of unreinforced plain concrete

10 X 30.00 X 2.75 X 0.160 = 180.00 m³

3 Provisioning and fixing maintained Level = 2000.

Material
24/8/2019
R

Material statement

- 1 Stone masonry = 22.869 m³ (576.44 m³)
- 2 Stone masonry = 9.145 m³ (411.23 m³)
- 3 Coursed sand = 13.721 m³ (188.41 m³)
- 4 Stone masonry in Girth = 102.094 m³ (458.24 m³)
- 5 Stone setting = 20.250 m³ (345.52)
- 6 Earth work = 575.20 m³ (1.71 m³)
- 7 Stone chip = 162.00 m³ (558.85 m³)
- 8 Course sand = 81.00 m³ (614.17 m³)
- 9 Cement = 62.00 t = (5002.4 kg)

Material
24/8/2019
R

Continuation

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
1/1 Construction of working dam vide TMD page no 1 = 0.15 m @ Rs 6596.07/m ² Rs. 2772.00					
2/2 Clearing and grubbing road bed vide TMD page no. 1 = 0.12 m @ Rs. 51127.38/m ² Rs 6136.00					
3/3 Construction of embankment cutting on bed upto 1000 vide TMD page no 2 = 172.8 m ² @ Rs 189.95/m ² Rs. 32778.00					
4/6 Construction of embankment - bed upto 900m vide TMD page no. 2 = 402.64 m ² @ Rs 153.52/m ² Rs 61813.00					
5/7 Excavation for roadway vide TMD page no 1 = 28.80 m ² @ Rs 75.50/m ² Rs 2180.00					
6/9 Construction of granular sub - base vide TMD page no. = 2 = 38.115 m ² @ Rs 4047.00/m ² Rs 154251.00					
7/10 Priming, layer, spreading and compacting sub grade vide TMD page no. 3 = 84.275 m ² @ Rs 4865.71/m ² Rs 410544.00					

Continuation

Total Rs 670,475/-

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
8/14 Construction of ur-maintenance pan cement concrete side					
TMS page = 21180.00 m ² @					
Rs 8361.62/m ²					Rs 1505092.00
2/23 Provision of fixing masonry Interlocking sign board					
2 nos @ side TMS page					
no 2 : 2 nos @ Rs 13075.81/					
Each					Rs. 26152.00
10/24 Provision of fixing maintenance board side TMS page no.					
2 : 2 no. @ Rs 13075.81					
/Each					Rs 26152.00
					Total Rs 2227871.00
Add 12% GST					Rs 267345.00
Add 1% CWD					Rs 22279.00
Add Seigniorage fee					Rs 26857.00
					Total Rs 2544352.00
(less 0.05% as per agreement)					Rs 1272.00
Net Payable Amount					Rs 2543080.00
Accepted by					
20/08/2020					
JL					