

MMGSY अर्थात् Const. of Road from -
Schedule XLV-Form No. 134

मार्गदर्शिका प्रमाणिका MMGSY to हरिजन टोल

अग्रदूत KID-75/SBD/MMGSY-2015-20

नाम of Cont.:- MR. Shaigee Reza DIVISION

Const. Cost :-

Maint. Cost :-

Total :-

SUB-DIVISION

ARARIA

Date of Commencement:- 24/01/2020

Jokihat

Date of Completion:- 23/01/2021

MEASUREMENT BOOK

2034

14 ON ALC 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.	
of Road - Construction of Road from Matigera - Magra PMGSY to Hariganola Pujakul block with five year Maintenance Under MMGSY.					
Agency - Md. Shauque Reza Al- Chikui, Kamaldaha Dist - Araria.					

Agreement no. - 75 SBD MMGSY 2019-20.

Date of Commencement - 24-01-2020

Date of completion - 23-01-2021.

Measurement

1) Setting out work complete - In EI

1 X 0.91 = 0.91 Km

2) Cleaning & grubbing Road - In EI

3 X 30.00 X 2 X 2.00 = 360.00 m²

6 X 20.00 X 2 X 2.00 = 480.00 ..

4 X 10.00 X 2 X 2.00 = 160.00 ..

11 X 30.00 X 2 X 2.00 = 1320.00 ..

12 X 15.00 X 2 X 2.00 = 720.00 ..

10 X 10.00 X 2 X 2.00 = 400.00 ..

2 X 25.00 X 2 X 2.00 = 200.00 ..

Continuation

Total 2360.00 m²

≈ 0.36 Hec.

2nd on A/c BILL

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Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road— Construction of Road					
from Matiyari- Mogra PMGSY					
to Hanjari tola in Jorhat block					
with five year maintenance					
under MMGSY.					
Agency— Md. Shique Reza At- chikni					
Kamalgadga Distt- Araria.					
Agreement no- 75 SBD MMGSY 2019-20.					
Date of Commencement - 24-01-2020.					
Date of completion - 29-01-2021					
Actual Date of completion - 16-04-2021					

Measurement

1) Bordining laying spreading and Compacting WBM Grading 3-2022

$$2 \times 11.00 \times \frac{(9.30+3.75)}{2} \times 0.075 = 10.77 \text{ m}^3$$

$$9 \times 30.00 \times 3.75 \times 0.075 = 75.94 \text{ ..}$$

$$7 \times 20.00 \times 3.75 \times 0.075 = 39.38 \text{ ..}$$

$$5 \times 10.00 \times 3.75 \times 0.075 = 14.06 \text{ ..}$$

$$6 \times 30.00 \times 3.75 \times 0.075 = 50.63 \text{ ..}$$

$$8 \times 15.00 \times 3.75 \times 0.075 = 33.75 \text{ ..}$$

$$6 \times 20.00 \times 3.75 \times 0.075 = 33.75 \text{ ..}$$

$$1 \times 8.00 \times 3.75 \times 0.075 = 2.25 \text{ ..}$$

$$\text{Total} = 260.53 \text{ M}^3$$

18-02-2021
AE

Continuation

18/2/2021
DE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Measurement</u>					
1) <u>Providing and applying binder coat with bitumen emulsion (35-2) do EI</u>					
	2x	11.00x	$\frac{9.30+3.75}{2}$		143.66 m ²
	9x	30.00x	3.75	=	1012.50 ..
	7x	20.00x	3.75	=	525.00 ..
	5x	10.00x	3.75	=	187.50 ..
	6x	30.00x	3.75	=	675.00 ..
	8x	15.00x	3.75	=	450.00 ..
	6x	20.00x	3.75	=	450.00 ..
	1x	8.00x	3.75	=	30.00 ..
				Total =	3473.66 m ²
2) <u>Providing and applying tack coat (PS-1) do FT</u>					
	2x	11.00x	$\frac{9.30+3.75}{2}$		143.66 m ²
	9x	30.00x	3.75	=	1012.50 ..
	7x	20.00x	3.75	=	525.00 ..
	5x	10.00x	3.75	=	187.50 ..
	6x	30.00x	3.75	=	675.00 ..
	8x	15.00x	3.75	=	450.00 ..
	6x	20.00x	3.75	=	450.00 ..
	1x	8.00x	3.75	=	30.00 ..
				Total =	3473.66 m ²
3) <u>Providing laying and rolling</u>					
<u>Mix bed surface 20mm thick do FT</u>					
	2x	11.00x	$\frac{9.30+3.75}{2}$		143.66 m ²
	9x	30.00x	3.75	=	1012.50 ..
	7x	20.00x	3.75	=	525.00 ..

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5x	10.00x	3.75	=	187.50 m ²
	8x	15.00x	3.75	=	450.00
	6x	30.00x	3.75	=	675.00
	6x	20.00x	3.75	=	450.00
	1x	8.00x	3.75	=	30.00
Total =					3473.66 m ²

4) Construction of Subgrade and
Earthen Shoulder - de FI

Earthen Shoulder Sides of WBM	2x2x	11.00x	1.20x	0.075 =	3.96 m ³
	2x9x	30.00x	1.20x	0.075 =	48.60
	2x7x	20.00x	1.20x	0.075 =	25.20
	2x5x	10.00x	1.20x	0.075 =	9.00

$$2 \times 6 \times 30.00 \times 1.20 \times 0.075 = 32.40$$

$$2 \times 8 \times 15.00 \times 1.20 \times 0.075 = 21.60$$

$$2 \times 6 \times 20.00 \times 1.20 \times 0.075 = 21.60$$

$$2 \times 1 \times 8.00 \times 1.20 \times 0.075 = 1.44$$

$$\text{Sides of FSB} \quad 2 \times 2 \times 11.00 \times 1.325 \times 0.20 = 11.66$$

$$2 \times 9 \times 30.00 \times 1.325 \times 0.20 = 143.10$$

$$2 \times 7 \times 20.00 \times 1.325 \times 0.20 = 74.20$$

$$2 \times 5 \times 10.00 \times 1.325 \times 0.20 = 26.50$$

$$2 \times 6 \times 30.00 \times 1.325 \times 0.20 = 95.40$$

$$2 \times 8 \times 15.00 \times 1.325 \times 0.20 = 63.60$$

$$2 \times 6 \times 20.00 \times 1.325 \times 0.20 = 63.60$$

$$2 \times 1 \times 8.00 \times 1.325 \times 0.20 = 4.24$$

$$\text{Total} = 646.10 \text{ m}^3$$

Continuation

22.03.2021
AE

22/3/2021
2E

2nd on AK BILL

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
1/1) Setting out work complete - do E					
Qty vide P. (9) TMB = 0.91 Km					
@ 34947.00 / km =					31802.00
2/2) Clearing and grubbing road - do E					
Qty vide P. (9) TMB = 0.36 Hec					
@ 49497.00 / Hec =					17819.00
3/3) Dismantling of existing structures like culverts, bridges Cement concrete do E					
Qty vide P. (9) TMB = 1.00 m ³					
@ 463.00 / m ³ =					463.00
4/4) Dismantling of existing structures like bridge, culverts, brick/tiles - do E					
Qty vide P. (9) TMB = 31.00 m ³					
@ 536.00 / m ³ =					16616.00
5/5) Removing all types of Hume pipes above 600 mm to 900 mm dia do E					
Qty vide P. (9) TMB = 5.00 Km					
@ 229.00 / Km =					1145.00
6/6) Construction of embankment with approved mat. obtained from borrow pits local 100m					
Qty vide P. (15) TMB = 1692.74 m ³					
@ 154.00 / m ³ =					260682.00
7/7) Construction of embankment with mat. obtained from borrow pits local 100m/1000m.					
Qty vide P. (15) TMB = 423.19 m ³					
Continuation					
@ 173.00 / m ³ =					73212.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
29/31) Backfilling behind abutment wing wall & return wall - do EI					
Qty side P. (1) TMB = 32.00 m ³					
@ 738.00/m ³				=	23616.00
30/32) P/L filter media completed do EI					
Qty side P. (1) TMB = 23.00 m ³					
@ 3808.00/m ³				=	87584.00
31/33) P/L RCC in Superstructure M30 grade					
Qty side P. (1) TMB = 6.00 m ³					
@ 8289.00/m ³				=	49734.00
32/34) Supplying & placing HYSD bar reinforcement in Super					
Qty side P. (1) TMB = 0.60 MT					
@ 62378.00/MT				=	37426.80
33/35) P/L cement concrete wearing course M30 grade do EI					
Qty side P. (1) TMB = 1.74 m ³					
@ 14316.00/m ³				=	24910.00
				Total =	636998.00
				Add @ 12% GST = (+)	76439.90
				Add @ 1% Labour 10M = (+)	6370.00
				Total =	7198,086.00
				Less @ 1.20% below = (-)	9069.00
Work has been completed as per specification & direction of EI				Net =	7107,390.00

Continuation

16.04.2021
AE

16/4/2021
X

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