

MIMGSIY (Gen)

Name of work - Tinonuhani to pitkhi tala

Schedule XLV-Form No. 134 Lak

Name of contractor - Asha Devi

DIVISION

MASHRAKH

SUB-DIVISION

Measurement Book

917

2nd And Final Bill

10

Sch. XLV-Form No. 134

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

Name of Work:- Construction of Road from, Timrouhani To Pilkhi Jola talu (mmgsy-Gen)

Name of Agency:- Smt Asha Devi

Agreement No:- 26/mmgsy-Gen/SBD/2021-22

Agreement Value:- 44,95,879 =/-

Date of Start:- 09/09/2021

Date of Comp:- 08/06/2022

Date of measure:- 19/04/2023

1) Construction of material

Embankment with material obtained from borrow pits

2:1:60% From

Excavated Material So

$$37.50 \times \frac{60}{100} = 22.50 \text{ m}^3$$

2) Construction of Sub-grade

& Earthen Shoulders

Earthen Shoulder

$$2 \times 20 \times 25.0 \text{ m} \times 1.00 \times 0.125 = 125.00 \text{ m}^3$$

$$2 \times 20 \times 25.0 \text{ m} \times 0.625 \times 0.175 = 46.88 \text{ m}^3$$

Side of PCC Road

$$2 \times 20 \times 25.0 \times 0.625 \times 0.160 = 100.00 \text{ m}^3$$

Deduction,

$$1 \times 2 \times 20 \times 25.0 \times 0.25 \times 0.100 = 12.50 \text{ m}^3$$

$$\text{Total} = 259.38 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3) Construction of Embankment					
with material obtained from					
Borrow Borrow Pits —					
For lead - 1000 m					
EARTH Work Quantity Sheet					
		Fill	Mean		Fill
Sl. no	ch- (m)	Area (m ²)	Area (m ²)	Dist (m)	Volume (M ³)
1	0.00	3.324	—	50.0	164.675 m ³
2	50.0	3.263	3.294	"	164.675 170.125 "
3	100.0	3.542	3.403	"	204.125 204.125 "
4	150.0	4.623	4.083	"	204.125 213.450 "
5	200.0	3.915	4.269	"	213.450 213.250 "
6	250.0	4.215	4.065	"	193.475 193.475 "
7	300.0	3.524	3.870	"	186.650 193.475 "
8	350.0	3.942	3.733	"	186.650 "
9	400.0	4.206	4.074	"	203.70 "
10	450.0	4.474	4.340	"	217.00 "
11	500.0	3.826	4.150	"	207.50 "
Total E/W Qty (including crust)					1963.95
Deduction —					
G.S.B (-)					56.250
W.B.M Gr 3 (-)					143.440
C.C Pavement (-)					306.00
Total Qty =					1458.26
Qty Carried out from cutting cutting (-)					22.50 "
Qty Earthen Shoulder Sub					259.38 m ³
vide TMB, Grade No - (10)					
Net Qty Total =					1176.38

ABSTRACT OF COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Poorrelong & fixing of working B.m —					
$\phi y = 0.50 \text{ Km}$ (vide TMB, Pg-5)					
@ 12895.24 Rs/Km —					Rs 6448 = 00
2) Clearing & Grubbing Round Land including —					
$\phi y = 0.10 \text{ Hect.}$ (vide TMB, Pg-5)					
@ 52,970.33 Rs/Hect —					Rs 5,297 = 00
3) Box Cutting —					
$\phi y = 37.50 \text{ m}^3$ (vide TMB, Pg-5)					
@ 130.83 Rs/m ³ —					Rs 4906 = 00
4) Const. of Emb. with material obtained from Road way cutting					
$\phi y = 22.5 \text{ m}^3$ (vide TMB, Pg-10)					
@ 96.75 Rs/m ³ —					Rs 2177 = 00
5) Construction of Embankment with material obtained from Borrow Pits — (test-1000m)					
$\phi y = 1176.38 \text{ m}^3$ (vide TMB, Pg-11)					
@ 197.44 Rs/m ³ —					Rs 232,264 = 00
6) Const. of Sub-grade & Earthen shoulder —					
$\phi y = 259.38 \text{ m}^3$ (vide TMB, Pg-10)					
@ 183.34 Rs/m ³ —					Rs 47,555 = 00
7) Const. of GSB. with well Graveled material —					
$\phi y = 56.25 \text{ m}^3$ (vide TMB, Pg-5)					
@ 3298.70 Rs/m ³ —					Rs 1,85,550 = 00

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

8) P/V, Laying & spreading &

Compacting WBM - Gr-3-

Qty = 143.44 m³ (vide TMB, Pg-5)

@ 4,459.01 Rs/m³ — Rs 6,39,600 = w

9) Const. of un-reinforced

CC Pavement — do (m 30)

Qty = 306.00 m³ (vide TMB, Pg-5)

@ 8175.87 Rs/m³ — Rs 25,01,816 = w

10) Hard Shouldering —

Qty = 250.00 m² (vide TMB, Pg-6)

@ 552.26 Rs/m² — Rs 1,38,065 = w

11) Kilometre Stone

Qty = 2.0 nos (vide TMB, Pg-6)

@ 2373.61 Rs/no — Rs 4747 = w

12) P/V & fixing 200 mm Stone

Qty = 2.0 no (vide TMB, Pg-6)

@ 638.76 Rs/no — Rs 1278 = w

13) Traffic Signs-

(i) 600 mm equl & Triangle

Qty = 2.0 no (vide TMB, Pg-6)

@ 3520.75 Rs/no — Rs 7,042 = w

(ii) 600 mm Circular

Qty = 2.0 no (vide TMB, Pg-6)

@ 4701.67 Rs/no — Rs 9,402 = w

(iii) 800 mm x 600 mm Rectangul-

Qty = 2.0 no (vide TMB, Pg-6)

@ 6,531.75 Rs/no — Rs 13,064 = w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14) Direction & Place Identification					
Qty = 2.0 No (vide TMB, Pg - 6)					
@ 10,191.73 Rs/no —					Rs 20,383 = 00
15) Road marking with hot applied thermoplastic					
Qty = 100.0 m ² (vide TMB, Pg - 7)					
@ 859.51 Rs/m ² —					Rs 85951 = 00
16) Providing And Fixing 'Logo' of Project					
Qty = 4.0 No (vide TMB, Pg - 7)					
@ 10,308.45 Rs/No —					Rs 41,234 = 00

Total = 39,46,781 = 00					
Add GST @ 12% (H) = 4,73,614 = 00					
Add L.C. @ 1% (H) = 39,468 = 00					
Add S.F. @ 10% on mat. = 48,081 = 00					
Total = 45,07,944 = 00					
Less 1.16% As Per Agreement (-) = 52,292 = 00					
Total = 44,55,652 = 00					
Less Previous Payment (-) = 8,35,523 = 00					
Total = 36,20,129 = 00					

check ✓
 05/05/2023
 Certificate Completed upto
 work has been specified
 28/03/2023 As Per Tech.
 05/05/2023
 JE

Continuation