

Ag. Smt. RANJITA KUMARI

26(SBD)/20-21

Damamashar Panchayat to Bhadwade Taluk

Schedule XLV From N. 134

P.W.D.

mmcsy.

R. W. D. Jamai

DIVISION

Laxmi Pur.

SUB DIVISION

MEASUREMENT BOOK

1st on a/c Bill

Construction of road from Domamakar PMGSY rd.

Name of work - 1 to Bhadwaha Tola

Situation of work - Block Laxmipura.

Agency by which work is executed Smt. Ranjita Kumar

Date of measurement 17-4-2021

No. and date of agreement 26(8B.D)/2020-2021

(These four lines should be repeated and the commencement of the measurement relating to each work. At 23.7.2021

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
① Providing & fixing Bench mark poles - do - all complete job.					
20x30 = 600					
24x30 = 720					
10x30 = 300					
1x10 = 10					
5x30 = 150					
1x20 = 20					
			1800m		1.80 km.

②	Cleaning & grubbing road Land - do - all complete job.				
	1800m x 3.50m = 6300 m				
	$\frac{6300}{10,000} = 0.63$ ha.				

EARTH WORK QUANTITY SHEET

Sl. no.	Chainage	Area in m ²	Mean Area in m ²	Area in m ²	Volume in m ³
1	0.0	3.78	-	-	-
2	100	3.84	3.855	100	385.50
3	200	3.43	3.635	100	363.50
4	300	3.61	3.520	100	352.00
5	400	4.01	3.810	100	381.00
6	500	3.97	3.990	100	399.00
7	600	3.96	3.965	100	396.50

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
8	700	3.95	3.955	100	395.50
9	800	3.88	3.915	100	391.50
10	900	3.00	3.440	100	344.00
11	1000	3.98	3.490	100	349.00
12	1100	4.62	4.300	100	430.00
13	1200	4.76	4.690	100	469.00
14	1300	4.68	4.720	100	472.00
15	1400	4.61	4.645	100	464.50
16	1500	4.57	4.590	100	459.00
17	1600	4.65	4.610	100	461.00
18	1700	4.68	4.665	100	466.50
19	1800	4.94	4.555	100	458.80
			Total =		7438.00
					- (i) m ³

(a) E/w in Subgrade.

$$50 \times 30.0 \times 7.80 \times 0.30 = 3510.0 \text{ m}^3$$

-(ii)

(b) E/w in embankment.

Total (-) Subgrade

$$(i) - (ii) = 7438 - 3510 = 3928 \text{ m}^3$$

(B) Construction of embankment

with materials obtain

from borrow pits

- do - all complete.

Qty. under this page (2)

$$\text{of (b) of (iii)} = 3938.0$$

for 1000 m lead

$$27\% \text{ of } 3938 = 1060.56 \text{ m}^3$$

(Continuation)

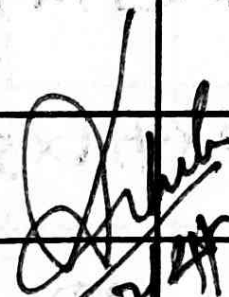
Sch. XLV- Form No. 134

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
$\left(\frac{4}{5}\right)$ Construction of Subgrade with materials obtain from borrow pits do all complete. for 100 m road. $73\% \text{ of } 3928 = 2867.44 \text{ m}^3$ $\text{Limit} = 2860.63 \text{ m}^3$					
$\left(\frac{5}{7}\right)$ Construction of Subgrade & earthen shoulder with approved materials obtain from borrow pits do all complete phy. vide TMS page ②					
$28510 \text{ m}^3 \text{ allowed } 80\% = 2808 \text{ m}^3$					
$\left(\frac{6}{8}\right)$ GSB-gr ①: Construction of GSB-gr ② do all complete job. $(11500 \times 4.08 \times 0.20) = 1215.0 \text{ m}^3$					
$\left(\frac{7}{13}\right)$ GSB-gr ①: Construction of GSB-gr ② do all complete job. $(130 + 170) \times 3.75 \times 0.10 = 112.50 \text{ m}^3$					
$\left(\frac{8}{9}\right)$ WBM-gr ③: Finishing & spreading & compacting stone aggregates do all complete. $(1320 + 170) \times 3.75 \times 0.075 = 419.06$ $= 1490$					

(Continuation)

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
$\frac{14}{34}$ including 2 laying Rec Pipe for Culvert of 1000 cu ft No-3 - do - all complete.					
		4x3x2.50			= 30.04
 17.4.21 JS			 17/4/21 JS		
					113.10
					108.30

ABSTRACT OF COST

Sch. XLV- Form No. 134

(14.045)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
(1) Providing & laying Best Halk Qty. vide TMB Page ①					
1.80 km CB	33350.98	km	B	60032=	
(2/2) Chang 2 gully rd. Lav. Qty. vide TMB Page ①					
0.63 hls CB	51133.76	/hr. = B	32,214=		
(3/4) Construction of embankment Qty. vide TMB Page ②					
1060.56 m ³ CB	175.22	/m ³ = B	1,85,831=		
(4/5) Construction of embankment Qty. vide TMB Page ③					
2860.63 m ³ CB	135.12	/m ³ = B	3,86,528=		
(5/7) Construction of Subgrade Qty. vide TMB Page ③					
2808.0 m ³ CB	176.86	/m ³ = B	4,96,623=		
(6/8) Construction of G.S. ? Qty. vide TMB Page ③					
1215.0 m ³ CB	1874.58	/m ³ = B	22,77,615=		
(7/13) Construction of G.S. ? Qty. vide TMB Page ③					
112.50 m ³ CB	1874.58	/m ³ = B	2,10,890=		
(8/9) Providing & laying w.m. gr. ③ Qty. vide TMB Page ③					
419.06 m ³ CB	2469.21	/m ³ = B	10,34,747=		
(9/14) Constn of underpass for H.B. Qty. vide TMB Page ④					
180.0 m ³ CB	7295.86	/m ³ = B	13,13,255=		

(Continuation)

B 59,97,735=

Particulars	Details of actual measurement				Contents or area
	No.	L	B	D	
(10/30) Paving a long narrow road Qty. vide TMB Page ①					
3 cu. @ Rs 92.88 / cu. = Rs					28,179 =
(11/31) Earth excavation in road Qty. vide TMB Page ①					
119.19 m ³ @ Rs 294.73 / m ³ = Rs					35,129 =
(12/32) Paving PCC - M-15 in road Qty. vide TMB Page ①					
18.38 m ³ @ Rs 5132.67 / m ³ = Rs					94,338 =
(13/33) Plain Rec. Concrete in M-20 Qty. vide TMB Page ①					
142.84 m ³ @ Rs 6291.32 / m ³ = Rs					898,652 =
(14/34) Paving & Laying of Rec. 1st of 1000 mm Qty. vide TMB Page ⑤					
30.04 @ Rs 3475.36 / m = Rs					104,261 =
					Rs 71,582.94 =
Add 12% GST (+) Rs					8,58,995 =
Add 1% Labour Cost (+) Rs					71,583 =
					Rs 80,88,872 =
Less 10% as per agreement (-) Rs					8,08,887 =
Card 28,512					Rs 72,79,985 =
7.4.21 50					