

डीपी मम लसु (GEM) जैन नगर मुखेल पारकर
PM लसु पद छै हरपुर सारी खावजी बोल।

Schedule XLV-Form No. 134

(Agreement No. 72 SBD/2020-21)

DIVISION

SUB-DIVISION

Executive Engin
RWD Works Division
Betsaral

(323)

Measurement Book

M/S Rai Construction.

प्रमाणित किया जाता है कि इस मापीयुक्त में
कुल 100 (एक सौ) पृष्ठ मशीन द्वारा
की गई हैं। इस-सी दुधारे कुमां. व. म. म. म.
ग्राणीज. कर्म. म. म. म. कर्म. म. म. म. प्रमाणित
परदर्शनी के नाम से निर्गत। बिना जात्रा
है।

5/10/20
Executive Engineer
RWD Works Division
RWD Beas
3/10/2020

Sch. XLV - Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

(No. 323)

Name of Officer _____

Date of first entry _____

Date of last entry _____

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1st on A/c Bill				
Name of work:-	Construction of Road				
Muraul pokhar PMGSY Path to Harpur					
sari sawji Tola. under	MMGSY Scheme				
Agency:-	M/S Rai construction.				
Agreement No:-	72 SBD/2020-21)				
Date of start:-	22.08.2020				
Date of completion:-	21.08.2021)				

Record Measurement:—

Date of Measurement:—

(1)^a providing and fixing of working

Benchmark. — — — as per

specification.

$$1 \times 0.900 = 0.900 \text{ km}$$

(1) (b) Reference pillars.

$$1 \times 0.900 \text{ km} = 0.900 \text{ km}$$

(2/2) clearing and grubbing

Road land.

$$2 \times 900 \text{ m} \times 3.50 = 6300 \text{ m}^2$$

$$= 0.63 \text{ Ha.}$$

(3/5) construction of sub-grade and earthen shoulder with approved

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
materials lead up to 1000m ³					
as per specification					
G.S.B in earthen portion					
10x 30m x 4.05 x 0.20 =					243m ³
2x 25m x 4.05 x 0.20 =					40.5m ³
					= 283.5m ³
10x 30m x ($\frac{7.20m + 5.80m + 6.6}{3}$) x 0.30 =					587.97m ³
10x 30m x ($\frac{7.20m + 5.80m + 6.6}{3}$) x 0.30 =					587.97m ³
10x 30m x ($\frac{7.20m + 5.80m + 6.6}{3}$) x 0.30 =					587.97m ³
					= 1763.91m ³

(4/6) P/V and laying G.S.B with stone materials - - - - as per specification (B.T. part)					
10x 30m x 4.05 x 0.20 =					243m ³
2x 25m x 4.05 x 0.20 =					40.5m ³
					= 283.5m ³
(5/7) P/V and laying W.B.M Gr-III with stone materials - - - - as per specification (C.C part)					
10x 30m x 3.75 x 0.075 =					84.375m ³
2x 25m x 3.75 x 0.075 =					14.062m ³
					= 98.437m ³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/5) providing and laying G.S.B with stone materials. - - - - - as per specification.					
E part. B.T. part? -					
10x	30m	3.75	x 0.	10 =	112.5m ²
2x	25m	3.75	x 0.	10 =	18.75m ²
				=	131.25m ²

(7/12) providing and laying w.B.M Gr-III with stone materials, - - - - - as per specification.					
(B.T. part) 2 -					
10x	30m	3.75	x 0.07	5 =	84.375m ²
2x	25m	3.75	x 0.07	5 =	14.062m ²
				=	98.437m ²

~~Rev~~
J.E

Record Measurement: -

(1/4) construction of embankment with approved materials. lead up to 1000mts. - - - - - as per specification. do - - - - - do - - - - - E/I.					
Sl. No.	Ch.	Area	Mean Area	Distance	Volume
1	0.00	0.373			
2	50.0	0.772	0.573	50	28.625
3	100.0	0.659	0.716	50	35.775
4	150.0	0.600	0.630	50	31.475
5.	200.0	0.626	0.613	50	30.650

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sl. No.	Ch.	Area	Area	Distance	Volume
6	250.0	0.687	0.657	50	32.825
7	300.0	0.563	0.625	50	31.250
8	350.0	0.694	0.629	50	31.425
9	400.0	0.722	0.708	50	35.466 34.425
10	450.0	0.563	0.643	50	34.125 34.125
11	500.0	0.827	0.695	50	34.750
12	550.0	0.721	0.779	50	38.700
13	600.0	0.666	0.694	50	34.675
14	650.0	0.601	0.634	50	31.675
15	700.0	0.740	0.671	50	33.525
16	750.0	0.802	0.771	50	38.550
17	800.0	0.496	0.649	50	32.450

18	850.0	0.434	0.465	50	23.250
19	900.0	0.391	0.413	50	20.625

Total E/w Qty = 577.750 m³

(1/4) @ Total E/w Qty = 577.750 m³ फी

1000m lead के लिए -

577.750 m³ फी 68% 88+

68% = 392.87 m³

(6) E/w Qty = 577.750 m³ फी

100m lead के लिए -

577.750 m³ फी 32%

= 184.88 m³

(2/22) P/V and fixing typical MMSy

informational sign board.

- - - as per

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of					
Road from Musaul Pokhar PMGSY					
Path to Harpur Sari Sawli Tola. Und					
MMGSY scheme.					
Agency:- M/s Rai Construction.					
Agreement No:- 72SB D/2020-21					
Date of start:- 22. 08. 2020					
Date of completion:- 21.08.2021					

Abstract of cost

①	a	Plv and fixing of working			
		Bench-mark. - - - - -	as		
		per specification.			
		Qty vide TMB P.N. - ①	0.900 Km		
		@ 4432.92/Km		R	3990=00
②	b	Reference pillars.			
		Qty vide TMB P. N. - ①			
		item No - ①⑥	0.900 Km		
		@ 2053.28/Km		R	1848=00
③	c	clearing and Grubbing Road land.			
		Qty vide TMB P.N. - ①			
		item No - ②	0.63 Ha		
		@ 49739.47/Ha		R	31,336=00

RS 271,74=00

B.F 7, 174=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/4) construction of embankment with approved materials. --- as per specification.					
Qty vide TMB P. N. —				(04)	
item No — (04)	392.87m ³				
@ 187.51/m ³ —				R	73,667=00
(6) 100m lead to ^{to} the ^{the} road ^{road} .					
Qty vide TMB P. N. —				(04)	
item No — (4/6)	184.88m ³				
@ 142.62/m ³ —				R	26368=00
(4/5) Construction of sub-grade and earthen shoulder with approved materials. — — —					

as per specification.

Qty vide TMB P. N. — (01+02)

item No — (05) 1763.91m³@ 189.39/m³ — R 3,34,067=00(5/6) Plv and laying G.S.B with
stone materials. — — — as

per specification.

Qty vide TMB P. N. — (02)

item No — (06) 283.5m³@ 314.1.66/m³ — R 8,90,661=00

(6/7) Plv and laying w. B.M

Gr- III with stone materials.

Qty vide TMB P. N. — (02)

item No — (07) 98.437m³@ 3821.30/m³ — R 3,76,157=00

Continuation

RS 217,08,094=00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ P/V and laying G.S.B with stone materials. --- as per specification.					
Qty vide TMB P.N. --- ⑥3					
item No --- ⑪		131.	25m ²		
@ 3141.66				R,	4,12,343=00
⑧ P/V and laying W.B.M Gr-III with stone materials. --- as per specification.					
Qty vide TMB P.N. --- ⑥3					
item No --- ⑫		98.	437m ³		
@ 3821.30/m ³				R,	3,76,157=00
⑨ Construction of un-reinforced plain cement concrete dower jointed for C.C pavement.					
Qty vide TMB P. N. --- ⑥5					
item No --- ⑬		120m ²			
@ 8379.65/m ³				R,	10,05,558=00
				Rs=35,	02,152=00
Less for 10% below (-)				Rs=	3,50,215=00
				Rs=	31,51,937=00
Chiv	12/02/24	13/27/24	15/03/24		
J.E		AG			