

F.D.R. PART - A (2020)

Schedule XLV-Form No. 134

Name of Road - Toy to Adalgar

R.V.D. Kishengamj - 2 DIVISION

R.V.D. Thakurgamj SUB-DIVISION

M.B. No. 1222

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस माप पुस्तक में कुल 100
(एक सौ) मुद्रित दोहरे पृष्ठों हैं जो श्री. अजीत कुमार दास
सहायक अभियंता, ग्रा.का.वि. कार्य अवर प्रमण्डल, बल्लभपुर
के नाम से निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रा.का.वि. कार्य प्रमण्डल
बल्लभपुर-2
19/10/20

Sch. XLV—Form No. 134

R.W.D. Kishangomj DIVISION
R.W.D. Thakurgomj SUB-DIVISION

Measurement Book

No. 1222

Name of Officer Sri Ajeet Kr. Das

A.E. R.W.D. Thakurgomj

Date of first entry _____

Date of last entry _____

Name to work— FDR Part 'A'

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 Road:-	Toly to Andabari				
Name of work:-	Part A / FDR / Temporary Restoration				
Agency:-	Departmental works				
Length-	3.430 km				
Block-	Thakurganj				
Date of entry:-					
	<u>Reconal Measurement.</u>				
1.	Filling of local				
	sand obtained from				
	riverbed, water in g.				
	requiring all comp.				
	$1 \times 30.0 \times \frac{(7.3+6.5+6.1+5.8+12.38)}{4} \times \frac{1}{2}$				
	$\times (3.5+3.4+2.9+2.10)/4 = 839.173$				
	$1 \times 13.80 \times \frac{6.43(10) + 12.38}{2} \times$				
	$3.5+3.4+2.9+2.10 = 386.019$				
	4				1
					1225.192
					M ³
2.	Providing Boolek baf				
	including spreading				
	laying compacting				
	with all comp.				
	$1 \times 30.0 \times \frac{(1.9+1.5+2.10+3.67)}{4} \times \frac{1}{2}$				
	$(1.10+2.8+1.6)/3 = 151.33M$				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 8.20x	$\frac{1.8390 + 3.67}{2}$		$\frac{1.1 + 2.8 + 1.6}{3}$		$= 41.364 \text{ m}^3$
1x 30.0x	$\frac{1.8390 + 4.57}{2}$		$\frac{2.8 + 2.5 + 2.9}{3}$		$= 262.46$
1x 8.20x	$\frac{1.8390 + 4.57}{2}$		$\frac{2.8 + 2.5 + 2.9}{3}$		$= 71.71 \text{ m}^3$
1x 17.20x	$\frac{1.7790 + 3.58}{2}$		$\frac{1.85 + 1.9 + 1.70}{3}$		$= 89.58 \text{ m}^3$
1x 28.40x	$\frac{1.7090 + 3.83}{2}$		$\frac{1.70 + 2.6 + 2.10}{3}$		$= 167.52 \text{ m}^3$
1x 24.30x	$\frac{(1.4 + 1.5 + 2.0 + 6.53)/2}{(4.8 + 4.5 + 4.90)/2}$				$\times 4.94 = 485.89 \text{ m}^3$
1x 12.40x	$\frac{(1.4 + 1.6 + 1.8 + 3.57)/2}{(1.6 + 2.6 + 1.7)/3}$				$= 63.04$
1x 12.40x	$\frac{(1.5 + 1.7 + 1.4 + 4.50)/2}{(2.8 + 3.20 + 2.9)/3}$				$= 110.91$
1x 3.50x	$\frac{1.9 + 5.20}{2}$		$\frac{1.2 + 1.4}{2}$		$= 11.60 \text{ m}^3$
1x 8.40x	$\frac{(5.50 + 5.6 + 5.8 + 6.66)/2}{(0.75 + 1.30)/2}$				$= 52.91 \text{ m}^3$
1x 30.0x	$\frac{(7.20 + 6.4 + 6.0 + 5.7 + 7.36)/2}{(0.9 + 1.20 + 0.7 + 1.5 + 0.85)/5}$				$= 211.51$
1x 13.80x	$\frac{6.3390 + 7.36}{2}$		$\frac{0.9 + 1.2 + 0.7 + 1.5 + 0.85}{5}$		$= 97.29$
					1810.89 m^3
<i>Arul</i> 31/12/2020 AE <i>Arumugam</i> 31/12/2020 DE					

Continuation

Sch. XLV—Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>ABSTRACT OF COST</u>				
1.	Filling of local sand obtained from riverbed				
	watering & ramming all comp. vide TMB P.No.				
	① 2400	① 1225	152	M ³	
	Rs 627.77/M ³	→			769139.00
2.	Providing brick bats with all comp.				
	vide TMB P.No. ②				
	2400	② 1810	89	M ³	

Rs 1870	43/M ³	→ 3387143.00
Rs 4156	488.00	
	390375.00	
Add 12% GST	8 (+) 458779.00	
	397790.00	
Add Seigniorage Fee @ 10%	8 (+) 248400.00	
	177790.00	
	Rs 39,036.67	00

~~As per~~
31/12/20
AE

As per
31/12/20
OE

Executive Engineer
R.W.D. Works Division
Kishanganj 2

Continuation