

Schedule XLV-Form No. 134

FD-2021-22 प्रस्तावित (अतिरिक्त) के अतिरिक्त प्रती
के अतिरिक्त / Restoration from 23

Area

DIVISION

Area

SUB-DIVISION

PMISY Member Chavak to Jhanki East-Basti.

MEASUREMENT BOOK

2486

certified that this M. B.
contain page Sl. 01 to 50 -
Hefity only this M. B. Issue
to Sri Arbind Kr. Das -
Assistant Engineer. R.W.D
(W) Sub Division. Araria


Executive Engineer
R.W.D (W) Division
Araria


Schedule PLV-Form No. 134

ARARIA DIVISION
ARARIA SUB-DIVISION

Measurement Book

No 2486

Name of Officer _____

Date of first 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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road:- P.Y.G.S. Mantoo Chowk to Jhanta East Basti					
Length:- 1.085 Km.					
E/Cost:- 2204390.00					
Date of Start:- Auth. CE. U.N. 1987					
Date of Entry:- 24/12/21					
<u>Record Measurement:</u>					
Plv 62 mm to 75 mm dia					
Bamboo piles - do all lengths					
n. 230 m 1x 20.00 x 4.50 = 90.00 m					

	1x2x16.00x4.50	=	144.00
	2x3x30.00x4.50	=	810.00
	2x1x2.80x4.50	=	25.20
Ch. 320m	1x30.00x4.50	=	135.00
	1x10.00x4.50	=	45.00
ch -1500x	1x30.00x4.50	=	135.00
	1x26.00x4.50	=	117.00
			Total: 1501.20 m ²

2) Plv 62 mm to 75 mm dia					
Bamboo runner - do all lengths					
Ch. 290 m	1 x	5.00 x	5.00	=	25.00 m ²
	2 x	4.00 x	4.00	=	32.00
	2 x	4.00 x	23.00	=	185.60
Ch. 320 m	2 x	4.00 x	10.00	=	40.00
Ch. 1500 m	1 x	4.00 x	14.00	=	56.00
Total:					338.60 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3) P/V & Fixing Cement bags - do					
all comp - job.					
Ch. 230m	1x	5.00	$\times (2.50 + 1.50)/2$		
			$\times (1.85 + 2.95 + 2.70)/3$		$= 25.00 \text{ m}^3$
	2x	4.00	$\times (2.00 + 0.90)/2$		
			$\times (1.50 + 2.25 + 2.25)/3$		$23.20 \dots$
	2x	23.20	$\times (2.50 + 1.50)/2$		
			$\times (2.50 + 3.85 + 1.75)/3$		$= 250.56 \dots$
Ch. 320m	1x	10.00	$\times (2.00 + 0.90)/2$		
			$\times (1.65 + 2.25 + 1.50)/3$		$= 26.10 \dots$
Ch. 1500m	1x	14.00	$\times (2.00 + 7.25)/2$		
			$\times (2.75 + 2.50 + 1.50)/3$		$= 51.19 \dots$
				644 =	376.05
				$Qty = 376.05 / 0.034 =$	11060.29 bags

4) Filling local sand - do all					
comp - job.					
Ch. 200m	1x	3.90	$\times (4.00 + 5.50)/2$		
			$\times (1.75 + 2.50 + 1.85)/3$		$= 37.67 \text{ m}^3$
Ch. 230m	1x	6.00	$\times (2.00 + 3.50)/2$		
			$\times (1.50 + 2.50 + 0.85)/3$		$22.23 \dots$
	2x	4.00	$\times (5.50 + 7.50)/2$		
			$\times (1.50 + 3.50 + 1.85)/3$		$= 118.73 \dots$
	2x	23.20	$\times (7.50 + 9.50)/2$		
			$\times (2.75 + 3.65 + 2.85)/3$		$1216.07 \dots$
	1x	10.00	$\times (1.50 + 2.50)/2$		
			$\times (0.95 + 2.65 + 0.85)/3$		$= 29.67 \dots$
	1x	14.00	$\times (2.00 + 3.90)/2$		
			$\times (0.85 + 2.85 + 0.65)/3$		$= 55.83 \dots$
				Total =	1489.19 m^3

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
Name of Road: - PMGy Merton Chowk, to Jhama Gasp Basti.					
Length :- 1.085 Km					
Est cost :- 2204390.00					
1) Local sand filling. do all comp					
Qty vide P. @ TMB. 1480.194					
@ 514.43/m ³ = 761453.00					
Plv 82 to 75 mm dia bamboo					
do all comp job.					
Qty vide P. @ TMB. 150.204					
@ 55.90/m = 83166.00					

3) Plv 62 to 75 mm dia Bamboo					
runners - do all comp job.					
Qty vide @ TMB. 338.60 m					
@ 30.87/m					10452.00
4) Plv fixing Cement bds - do					
all comp job.					
Qty vide @ TMB. 11060 bds					
@ 38.03/bds					420612.00
5) Plv laying brick bds -					
do all comp job.					
Qty vide @ TMB. 288.20 m ³					
@ 2168.72/m ³					625022.00
Total					1900707.00
CFE					1900707.00

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