

FDR 2020-2021

Pathuan Tota to Puch Road L = 1.230km

Schedule XLV-Form No. 134

MB No-145)

DIVISION

KISHANPUR SUB-DIVISION

Measurement Book

प्रमाणित किया जाता है कि इस बापी
पुस्तक के 50 (पचास) पन्ने हैं जिनमें
श्री रघुवीरजी कृष्ण के विगत
मित्रा आता है (संख्या)

अधिकारी अ.प.क. 8
ग्रामीण कार्य विभाग
कानून प्रशासन प्रणाली
17/8/20

Re-issued to Shri Mayank Rana,
J.E., Kishanpur.

(R/b)
17.08.2020
A.E.

Sch. XLV-Form No. 134

R.W.D., Supaul DIVISION
R.W.D., Kishanpur SUB-DIVISION

Measurement Book

No. 1457

Name of Officer _____

Date of first entry _____

Date of last entry _____

1.

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				Content of area
	No.	L.	B.	D.	
Name of work - Restoration of Road from Paswan Bha to Pwd road (L=1.230km)					
Agency - Departmental					
Authority - EE PWD Supaul works division Supaul					
Date of measurement -					

① sand filling in ditch portion - do - do - all complete					
ch 350m					
$1 \times 19m \times \frac{1.5m + 2.5m}{2} \times 1.5m = 57.00m^3$					
$1 \times 21m \times \frac{1.5m + 2.5m}{2} \times 1.2m = 50.40m^3$					
ch 450m					
$1 \times 19m \times \frac{2.4m + 2.5m}{2} \times 1.3m = 55.575m^3$					
$1 \times 19m \times \frac{1.8m + 2.25m}{2} \times 1.6m = 61.56m^3$					
					224.535m

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Laying Brick bat in Damage portion					
ch 350 m					
$19m \times \frac{1.5m + 2.0m}{2} \times 0.30m = 9.275m^2$					
$21m \times \frac{1.5m + 2.5m}{2} \times 0.30m = 12.60m^2$					
ch 450 m					
$19m \times \frac{2.0m + 2.2m}{2} \times 0.30m = 11.77m^2$					
$19m \times \frac{1.8m + 2.0m}{2} \times 0.30m = 10.83m^2$					
					45.375m ²
Deduction of 100 mm d h.p. curbst					
$\frac{3.14}{4} \times (1.2)^2 \times 5.00m = (-) 5.652m^2$					
					39.723m ²
③ Labour for cutting 62mm to 75mm dia bamboo poles to size and making shoes and driving etc with all complete job.					
ch 350 m					
$\left(\frac{81m}{0.45m} + 1\right) \times 1.25m = 223.42m$					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Labour for fitting and fixing 75mm dia bamboo runners in position at every vertical pole - do - do - all complete					
Ch 350m					
Right 5m x 40m					= 200.00m
Left 5m x 40m					= 200.00m
					<u>400.00m</u>

⑤ supply of Bamboo at site

$$\left(\frac{\text{Bamboo piling}}{1.25} \times 2.5 \right) m +$$

$$\text{Length of runner (m)} + \frac{\text{Area of Chackry}}{1.413} m$$

$$= \left(\frac{222.472}{1.25} \times 2.5 \right) m + 400m + 0$$

$$= 446.944m + 400m$$

$$= 846.944$$

$$\text{No. of Bamboo} = 846.944$$

6

$$= 141.15$$

$$= 141 \text{ Nos}$$

Continuation

Sch. XLV-Form No. 134


Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
(67) Labour filling empty cement bags with local sand, stitching the bags and placing including supply of sutli and EC bag etc with all complete job.						
CH 350m						
$2 \times 40m \times \frac{0.4m + 0.8m}{2} \times 0.8m = 28.80$						

$$\text{No of bags} = \frac{28.80m^3}{0.039m^3} = 847 \text{ Nos}$$

$$\text{total (971 / Nos)} = 847$$

(7/10) providing and Laying
Reinforced Cement Concrete
Pipe MP2 - do - do - all
complete
at ch 350.7m
 $2m \times 2.5m = 5.00m$

mayank kumar
24.09.2020
J.E.


24.09.2020
A.E.

Continuation

34/9

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
1) sand filling in foundation trenches — do — do — all complete					
Qty = 224.535 m ³ vide TMBP-1					
@ Rs 554.03/m ³ —					Rs 124399.14
2) providing and laying brick bats — do — do — all complete					
Qty = 39.723 m ² vide TMBP-2					
@ Rs 1864.35/m ² —					Rs 74057.57
3) Labour for cutting 62mm to 75mm dia bamboo piles to size — do — do — all complete					
Qty = 223.472 m vide TMBP-2					
@ Rs 27.90/m —					Rs 6234.86
4) Labour for fitting and fixing 75mm dia bamboo runners in position — do — do — all complete					
Qty = 400 m vide TMBP-3					
@ Rs 5/m —					Rs 2000.00

Continuation B 206691-55

Sch. XLV-Form No. 134

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

BF B 206691.55

5/6 supply of Bamboo at
sites — do — do —
all complete

Qty = 141 nos vide TMBP-3

@ Rs 158.44/Each — Rs 22340.00

6/7 Labour filling empty
cement bags with
local sand — do —
do — all complete

Qty = 8.47 Per cent. vide

TMBP-4

@ Rs 3300.20/- — Rs 27952.69

7/10 providing and laying
reinforced cement concrete
pipe N/3 as per design
— do — do — all complete

Qty = 5.71 m vide TMBP-4

@ Rs 3335.50/m — Rs 16177.50

Rs 272661.74

see/note for cost 8453.00

Add 12% Contn 32839.64

Add 1% Labor

contn 2736.64

Continuation B 317691.12

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B. D.	
			BF R	317691.07
			87 R	317691.00

mayana lane
29.10.2020
J.E

(R/S)
29.10.2020
A.E.

3300.00

14500 - 8

Inspection Report for Flood Damage Work

1. Name of PIUs :- E.E. RWD, Works Division Supaul.

2. Name of Block/Road :- *Kishanpur*
paswan Tola to purn road (L=1.230km)

A. For Road

1. Damage Location/Chainage : 0.35km, 0.45 km,

2. Damage Length : 78 m

3. Nature of Damage : *due to flood*

4. Datils of Restoration Works :

- i. Manterial being used in Restoration work : *sand, brick bat, humpile, Bamboo*
- ii. Equipments/Tools being used in Restoration work : *JCB, Tractor*
- iii. Procedure taken up in Restoration work : *felling*
- iv. Restored Length : 78 m

B. For Bridge

C. For Road

5. Damage Location/Chainage :

6. Damage Length :

7. Nature of Damage :

8. Datils of Restoration Works :

- i. Manterial being used in Restoration work :
- ii. Equipments/Tools being used in Restoration work :
- iii. Procedure taken up in Restoration work :
- iv. Restored Length :

NA

29.10.2020
A.F.
Signature of JE/AE/EE

29/10

Signature

(Name of Inspector)

EE RWD Tohruulgaus