

F.D.R (2020-21)

Schedule XLV Form N.134.

P.W.D. Road Name - L04S Chorghat
Kaluchak to Ratanpura (VR25)

DIVISION

SUB DIVISION

MEASUREMENT BOOK

ग्राम - रतनपुरा

602562

Name of work - 1

Situation of work -

Agency by which work is executed -

Date of measurement.

No. and date of agreement

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

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Name of work -	Temporary Resto-				
	ration work in L45				
	Chorhar Ghat Koluchak				
	to Ratampura (VR 25)				
Block -	Kharik				
Agency -	Departmental				
Authority -	E.E. RWD (W) Div. Navgachhia				
	Record Entry				
Date -	18/07/2020				
① Providing New bag					
and N.C with labour for					
filling item E.C bag					
with local sand - do -					
CH -	0 m to 10 m (R.H.S)				
	$1 \times 10 \text{ m} \times \frac{(1.0+2.0)}{2} \times 2.0 = 30.0 \text{ m}^3$				
CH -	0 m to 20 m (L.H.S)				
	$1 \times 20 \text{ m} \times \frac{(1.0+2.0)}{2} \times 2.0 = 60.0 \text{ m}^3$				
					90.0 m ³
	@ 1.0 m ³ /N.C				90 N.C
② Providing E.C bag					
with sand and labour					

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
including Carriage					
laying, filling - do -					
CH- 0m to 10m (R.H.S)					
$1 \times 10 \text{ m} \times \frac{(1.0+1.0)}{2} \times 0.90 = 9.0 \text{ m}^3$					
CH- 0m to 20m (L.H.S)					
$1 \times 20 \text{ m} \times \frac{(1.0+1.0)}{2} \times 1.5 = 30.0 \text{ m}^3$					
					39.0 m ³
@ 0.034/EC bag					1147 bag
Done 18/07/2020 J.E.					
Done 18-07-2020 AB					

Record Entry					
Date - 20/07/2020					
① Providing New bag					
and N.C with labour for					
filling item E.C bag					
with local Sand - do -					
CH- 360 m to 420 m (R.H.S)					
$2 \times 5 \text{ m} \times \frac{(2.0+3.0)}{2} \times 2.0 = 50.0 \text{ m}^3$					
$1 \times 10 \text{ m} \times \frac{(2.0+3.0)}{2} \times 2.0 = 50.0 \text{ m}^3$					
$1 \times 15 \text{ m} \times \frac{(2.0+3.0)}{2} \times 2.0 = 75.0 \text{ m}^3$					
$1 \times 25 \text{ m} \times \frac{(1.0+3.0)}{2} \times 2.0 = 100.0 \text{ m}^3$					
					275.0 m ³
@ 10 m ³ /N.C					275 N.C

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
② Providing E.C bag					
with sand and labour					
including carriage					
laying filling — do —					
CH- 250 m to 330 m (R.H.S)					
$1 \times 5 \text{ m} \times \frac{(1.0+1.0)}{2} \times (0.30) = 1.5 \text{ m}^3$					
$1 \times 10 \text{ m} \times \frac{(1.0+1.0)}{2} \times (0.30+0.60) = 4.5 \text{ m}^3$					
$2 \times 10 \text{ m} \times \frac{(1.0+1.5)}{2} \times (0.60+0.90) = 18.75 \text{ m}^3$					
$2 \times 15 \text{ m} \times \frac{(1.0+1.5)}{2} \times (0.90+1.0) = 35.63 \text{ m}^3$					
$1 \times 15 \text{ m} \times \frac{(1.0+1.5)}{2} \times (1.0+1.3) = 21.56 \text{ m}^3$					
					81.94 m ³
@ 0.034 / EC bag					2410 bag

20/07/2020
 J.E.
20-07-2020
 A.E.

Record Entry

Date- 21/07/2020

- ① Providing New bag and N.C with labour for filling item E.C bag with local sand — do —

CH- 460 m to 520 m (R.H.S)

$$2 \times 5 \text{ m} \times \frac{(1.0+3.0)}{2} \times 2.0 = 40.0 \text{ m}^3$$

$$1 \times 10 \text{ m} \times \frac{(1.0+3.0)}{2} \times 1.0 = 20.0 \text{ m}^3$$

$$1 \times 15 \text{ m} \times \frac{(1.0+3.0)}{2} \times 2.0 = 60.0 \text{ m}^3$$

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
$2 \times 10 \text{ m} \times \frac{(1.0+2.0)}{2} \times 2.0$					60.0 m^3
					180.0 m^3
@ $1.0 \text{ m}^3/\text{N.C.}$					180 N.C.

② Providing E.C bag
with sand and labours
including carriage laging
filling — do —

CH - 330 m to 360 m (R.H.S)

$$1 \times 15 \text{ m} \times \frac{(1.5+2.0)}{2} \times \frac{(1.3+1.6)}{2} = 38.06 \text{ m}^3$$

$$1 \times 15 \text{ m} \times \frac{(1.5+2.0)}{2} \times \frac{(1.6+1.9)}{2} = 45.94 \text{ m}^3$$

$$84.0 \text{ m}^3$$

@ $0.034/\text{EC bag}$ — 2470 bag

Dev
21/07/2020
J.E.

AB
21-07-2020
AB

Record Entry

Date - 22/07/2020

① Providing New bag and
N.C with labours for

filling item E.C bag

with local sand — do —

CH - 520 m to 570 m (R.H.S)

$$2 \times 15 \text{ m} \times \frac{(1.0+2.0)}{2} \times 2.0 = 90.0 \text{ m}^3$$

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
1 x 15 m x $\frac{(1.0+2.0)}{2} \times 2.0 =$					45.0 m ³
1 x 5 m x $\frac{(2.0+3.0)}{2} \times 2.0 =$					25.0 m ³
					160.0 m ³
@ 1.0/m ³ Per N.C.					160 N.C.

② Providing E.C bag with sand and labours including carriage laying filling — do —

CH — 360 m to 420 m (R.H.S)

$$1 \times 10 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.6+1.9)}{2} = 26.25 \text{ m}^3$$

$$1 \times 15 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.3+1.6)}{2} = 32.63 \text{ m}^3$$

$$1 \times 20 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.0+1.3)}{2} = 34.50 \text{ m}^3$$

$$1 \times 15 \text{ m} \times \frac{(1.0+1.0)}{2} \times \frac{(0.6+1.0)}{2} = 12.0 \text{ m}^3$$

$$105.38 \text{ m}^3$$

@ 0.034/EC bag — 3099 bag

Accepted
22/07/2020
J.E.

AE
22-07-2020
AE

Record Entry

Date — 23/07/2020

① Providing New bag and N.C with labours for

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
① filling item E.C bags					
with local sand — do —					
CH - 460 m to 480 m (L.H.S)					
$2 \times 5.0 \times \frac{(2.0+3.0)}{2} \times 2.0 =$					50.0 m^3
$1 \times 10.0 \times \frac{(1.4+3.0)}{2} \times 2.0 =$					40.0 m^3
					90.0 m^3
@ $1.0 \text{ m}^3/\text{N.C}$ ———					90 N.C

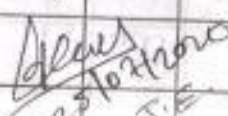
② Providing E.C bag with
sand and labour inclu-
ding carriage laying
filling — do —

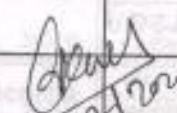
CH - 460 m to 530 m (R.H.S)					
$1 \times 10 \text{ m} \times \frac{(2.0+3.0)}{2} \times \frac{(1.0+1.5)}{2} =$					31.25 m^3
$2 \times 10 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.0+1.0)}{2} =$					30.0 m^3
$2 \times 20 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.0+1.2)}{2} =$					66.0 m^3
					127.25 m^3
@ $0.034/\text{EC bag}$ ———					3742 bag

① *Gray*
23/07/2020
J.E.

Ar
23-07-2020
AB

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Record Entry					
Date — 25/07/2020					
① Providing E.C bag with					
sand and labours including					
laying filling — do —					
CH — 460m to 530 m (L.H.S)					
$1 \times 10 \text{ m} \times \frac{(2.0+3.0)}{2} \times \frac{(1.0+1.5)}{2} = 31.25 \text{ m}^3$					
$2 \times 10 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.0+1.0)}{2} = 30.0 \text{ m}^3$					
$2 \times 20 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.0+1.2)}{2} = 66.0 \text{ m}^3$					
					127.25 m ³
@ 0.034/EC bag —					3742 bag
 25/07/2020 S.E.					

Record Entry					
Date - 26/07/2020					
① Providing E.C bag with					
sand and labours including					
laying filling - do -					
CH - 530 m to 570 m (L.H.S)					
$1 \times 20 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.2+1.3)}{2} = 37.50 \text{ m}^3$					
$1 \times 10 \text{ m} \times \frac{(1.0+2.0)}{2} \times \frac{(1.3+1.5)}{2} = 21.0 \text{ m}^3$					
$1 \times 10 \text{ m} \times \frac{(1.0+3.0)}{2} \times \frac{(1.5+1.5)}{2} = 30.0 \text{ m}^3$					
					88.5 m ³
@ 0.034/EC Bag -					2603 bag
 26/07/2020 A.E.					

I.E. (Continuation)

16/12/2020

Executive Engineer
R. W. D., W. D. Naugachie

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
	ABSTRACT OF COST				
①	Providing New bag and N.C. with labours				
	for billing item E.C				
	bag with local sand				
	sticking — do —				
	Same Qty vide T.M.B				
90 N.C	item-① & Page- 1				
275 N.C	item-① & Page- 2				
180 N.C	item-① & Page- 3/4				
160 N.C	item-① & Page- 4/5				
90 N.C	item-① & Page- 5/6				
42 N.C	item-① & Page- 7				
837 N.C	@ Rs. 1064-40/N.C Rs. 890903 =				
②	Providing E.C bag with sand and labour				
	including carriage				
	laying billing — do —				
	Same Qty vide T.M.B				
1147 bag	item-② & Page- 2				
2410 bag	item-② & Page- 3				
2470 bag	item-② & Page- 4				
3099 bag	item-② & Page- 5				
3742 bag	item-② & Page- 6				

(Continuation)

Inspection Report For Flood Damage Work

Date :- 26/02/21

1. Name of PIUs - Executive Engineer, R.W.D. (W) Div. Nalgachhia
2. Name of Block/Road :- Kharik/ L045 Choshar Ghat Kaluchak to Ratanpur (VR 25)

A. For Road

1. Damage location/Chainage CH- 0m to 570m
2. Damage length 10m, 20m, 110m, 60m, 110m, 110m
3. Nature of Damage Erosion of Flood water
4. Details of Restoration Works
 - (i) Material being used in Restoration Works: E.C & N.C. Bag; Local sand
 - (ii) Equipment's/Tools Being used in Restoration Works:
 - (iii) Procedure Taken up in Restoration Works:
 - (iv) Restored Length: 420m (with flann/ Shoulder)

B. For Bridge

1. Damage Location/Chainage
2. Damage length
3. Nature of Damage
4. Details of Restoration Works
 - (i) Material being used in Restoration Works:
 - (ii) Equipment's/Tools Being used in Restoration Works:
 - (iii) Procedure Taken up in Restoration Works:
 - (iv) Restored Length:

C. Requirement of New CD/Bridges

- (i) Name of Road:
- (ii) Location/Chainage
- (iii) Type of CD Work/Length required

Notes:-

- Upload one Photograph of damaged portion if available
- Attach minimum Two Photograph (during restoration & after restoration) photographs should be Geotags and at Least one Photo be captured in selfie mode.
- Restoration Work has been done during flood Season, but at present exact measurement can't be possible as per actual work done.

[Signature]
26/02/21
J.E.

[Signature]
26.02.2021
AE

Signature of JE/AE/EE

[Signature]
Executive Engineer
R. W. D., W. D. Nalgachhia

[Signature]
Signature
(Name of Inspector)

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26/02/21
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26.02.21
A.E.

[Signature]
26/02/21
AE