

EDR-2020-21

Schedule XLV-Form No. 134

Roshnawar Jela to Heli Baidar

RWD Manihari DIVISION

Amulpar SUB-DIVISION

MEASUREMENT BOOK

209
8/11/20

Name to 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 to work - Rosnarmal					
to be to halbaida					
Agency - Departmental					
Year - FDR Part-A (2020)					
Length - 2.100 Km					
Item No. (01) Providing					
brick bats including					
spreading laying					
compacting with C.I					
hammer all complete					
job as per specification					
and direction E/R.					
At 2000 m - $17.00 \times 1.03 + 1.86 \times$					
$\frac{0.70 + 0.95}{2} = 20.27$					
At 1950 m $3.50 \times 1.33 + 2.06 \times$					
$\frac{0.60 + 0.85}{2} = 4.30$					
At 1950 m $7.20 \times 0.97 + 1.88 \times$					
$\frac{0.80 + 1.10 + 0.85}{3} = 9.41$					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
A+1700m	8.00	$1.51 + 2.16$	$\times$		
		$\frac{0.60 + 0.70}{2}$			9.54
A+1500m	15.00	$1.57 + 2.89$	$\times$		
		$\frac{1.20 + 1.60 + 1.60 + 1.18}{3}$			44.38
A+1300m	37.00	$1.57 + 2.82$	$\times$		
		$\frac{1.20 + 1.40 + 1.15}{3}$			101.52
A+1200m	8.00	$1.20 + 2.18$	$\times$		
		$\frac{0.80 + 1.30 + 0.85}{3}$			13.29
A+1100m	5.00	$1.05 + 1.73$	$\times$		
		$\frac{0.60 + 0.90 + 0.55}{3}$			4.75
A+1050m	9.00	$1.02 + 1.74$	$\times$		
		$\frac{0.50 + 0.95}{2}$			9.00
A+1000m	8.00	$1.17 + 1.92$	$\times$		
		$\frac{0.80 + 0.50}{2}$			9.27
A+900m	14.00	$4.99 + 6.02$	$\times$		
		$\frac{1.2 + 0.9}{2}$			80.78
A+800m	2.80	$1.03 + 2.60$	$\times$		
		$\frac{1.03 + 2.60}{2}$			

Continuation

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

$$X 1.10 + 1.80 + 0.90$$

$$3 = 7.96$$

$$\text{Total} = 314.47 \text{ m}^3$$

Item no-02 construction
of embankment
with approved
material obtained
from borrow pit

with a lift upto
1.5 m + transporting
to site spreading
grading to required
slope and compacting
to meet requirement
of table 300.1 and
300.2 with a lead
of 1000 m as per
technical

$$50.00 \times 0.95 + 2.70 \times$$

$$\frac{1.90 + 1.60}{2} = 159.69$$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$90.00 \times \frac{1.05 + 2.83}{2} \times$					
$\frac{1.80 + 1.75}{2} =$					309.92
$40.00 \times \frac{0.80 + 2.60}{2} \times$					
$\frac{1.80 + 1.95 + 1.65}{3} =$					122.40
$30.00 \times \frac{0.65 + 2.38}{2} \times$					
$\frac{1.65 + 1.85 + 1.70}{3} =$					78.78
$40.00 \times \frac{0.85 + 2.37}{2} \times$					
$\frac{1.20 + 1.75 + 1.60}{3} =$					97.67
$50.00 \times \frac{1.60 + 3.08}{2} \times$					
$\frac{1.20 + 1.85 + 1.40}{3} =$					173.55
$46.00 \times \frac{1.30 + 2.92}{2} \times$					
$\frac{1.80 + 1.75 + 1.30}{3} =$					156.91
$55.00 \times \frac{1.45 + 3.23}{2} \times$					
$\frac{1.90 + 1.75 + 1.70}{3} =$					229.52

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
72-00X		1.48	3.03	X	
		2			
		1.45	1.65		= 251.66
		2			
43.00X		1.58	3.23	X	
		2			
		1.55	1.75		= 170.63
		2			
Total =					1750.73m ³
Item ③	labour for driving 62mm to 75mm m dia bamboo				do-do-complete
	Job-E/E =				853.8m
Item ④	supply & fitting Ang				do-do-E/E = 40m ²
	in position				

19/03/21
JE

Rosnawal
9.3.21
AE

Abstract of cost

Name of work - Rosnawal
tola to kalbaida

Agency - Departmental

Year - FDR Part-A(2020)

Length - 2.100 km

Item no-① Providing
brick bats including
spreading Laying
Compacting with

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
C.I. hammer - do					
--do --do E/I					
Vide TMRP (3)					
$314.47 m^3 @ 1717.37 =$					540061.84
Item No (02) Construction of embankment with material - --do -					
--do --do E/I					
Vide TMRP (5)					

$$1750.73 m^3 @ 283.58/m^3 = 496472.00$$

Item (3) Labour Road riding					
62m 4075 - - -					
-- do - do					
E/I					
Vide TMRP (5)					

$$853.00 Km @ 26.35 = 22476.55$$

Item (4) supplying fitting & for singl - do - do					
E/I					
$40.50 m^2 @ 221.69 =$					8867.66

add GST @ 12% =					1067877.50
add L.C. @ 1% =					128100.00
add signature fee @ 10% =					10700.00
					46200.00

Continuation

$$1252877.50 = 1252877.50$$

Am
19/03/21
JRE

19.3.21
RE

19/3/21