

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

Schedule XLV-Form No. 134

N/W:- Lo 38 To 2 to kunjimgar

R.W.D. Kishangarj-2

DIVISION

R.W.D. Thakurgarj

SUB-DIVISION

M.B.No. 1226

MEASUREMENT BOOK

कार्यपालक अभियंता
ग्रा०का०वि०, कार्य प्र.
१९१५

Date of last 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.)

the measurements relating to each work.					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	FDR Part-A				
Name of work -	FDR Part 'A' / FDR/				
	Temporary Restored				
Name of Road -	1038 T02 to				
	Kunjimatt				
Agency:-	Departmental work				
length -	2.053 km				
Blocks -	Tha/Kurgum				
Date of compy:-					
1.	Filling and laying				
	RCC pipe NP3 for				
	Restoration 100mm				
	allg. with all comp.				
	2x3	2.50	= 15.0 M		
2.	Filling of local sand				
	with all comp.				
	$1 \times 25.4 \times \left(\frac{5.6+5.9+5.3+5.0}{4} + 13.75 \right) / 2$				
	$\times (3.90 + 4.40) / 2 = 1011.94$				m ³
	$1 \times 16.40 \times \left(\frac{3.5+3.7+3.9}{2} + 7.37 \right) / 2 \times$				
	$(1.5+1.9+2.10) / 3 = 166.42$				
	$1 \times 17.60 \times \left(\frac{3.10+2.90+2.40}{3} + 7.40 \right) / 2$				
	$\times 1.9+2.6+2.4 / 3 = 206.45 m^3$				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 15.70 x		$(3+2.9+3.3+6.80)/2$			
		$(2.10+1.85+1.65)/3$			144.63
1 x 19.20 x		$(2.9+3.6+6.32)/2$			
		$(1.40+1.75+1.45)/3$			140.87
1 x 17.30 x		$(2.4+2.6+6.13)/2$			
		$(1.35+1.95+2.15)/3$			135.61
1 x 14.90 x		$(4.6+4.4+4.0+12.13)/2$			
		$(3.80+4.0)/2$			478.25
					/
					Rs. 2284.17
Less pipe 3.44 x 1.5/2 x 10					
3. P.V. Box etc. items include					

spreading layer					
compacting with air					
comp.					
1 x 25.40 x		$(5.0+4.9+5.3+4.9+11.18)/2$			
		$(2.10+3.80+4.10+2.30)/4$			633.04 m ³
1 x 15.60 x		$(3.5+3.70+3.90+5.53)/2$			
		$(1.5+1.9+2.10)/3$			131.99 m ³
1 x 14.20 x		$(3.10+2.9+2.4+5.10)/2$			
		$(1.9+2.4+2.40)/3$			129.01 m ³
1 x 13.50 x		$(3.0+2.9+3.30+4.93)/2$			
		$(2.10+1.85+1.65)/3$			100.80 m ³
1 x 15.10 x		$(2.90+3.6+4.78)/2$			
		$(1.40+1.75+1.45)/3$			92.96 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x11.60x		$(2.4+2.6+4.32)/2$		X	
		$(1.35+1.95+2.15)/3$			$= 71.86 \text{ M}^3$
1x14.90x		$(4.20+2.90)/2$			
		$X(2.4+2.80+2.7)/3$			$= 262.30 \text{ M}^3$
1x6.20x		$(1.9+2.10+3.38)/2$		X	
		$(1.40+1.35)/2$			$= 22.93 \text{ M}^3$
1x4.90x		$(3.2+1.6)/2$			
		$X(3.93)/2$			$= 23.65 \text{ M}^3$
		$(1.6+1.45)/2$			$=$
1x7.30x		$(2.6+1.9+4.05)/2$		X	
		$(1.65+1.95)/2$			$= 41.39 \text{ M}^3$
					1509.93 M^3
Less H.P. capacity.					

$$3.14 \times (1.15/2)^2 \times 15.0 = 615.57 \text{ M}^3$$

$$1494.36 \text{ M}^3$$

31/12/20
AE

31/12/20
JE.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
1.	filling of local sand obtained from riverbed with all comp. vide JMB P.No. ① Item ② 2284-17M ³ or 627-77/M ³ —				14,33,933=00
2.	Providing brick ball with all comp. vide JMB P.No. ② Item ③ 1494.36 M ³ or 1870-43/M ³ —				27,95,096=00
3.	P/v. and laying R.C.C. pipe NPS for Restoration with all comp. vide JMB P.No. ① Item ① 15.40 M or 5251-25/M —				78,769=00
					Rs. 43,07,798=00
					17,31,021=
Add 12% GST —					5,16,936=00
					2,07,723=
Add Seigniorage Fee @ 10% of					1,90,600=00
					76,590=
					Rs. 43,34,000
					20,15,334=00
Total					63,49,334=00
31/12/2020					31/12/20
AE					AE

Continuation

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