

Kujari to Sahanday (FDR-2020-21)

Schedule XLV-Form No. 134

Arania

DIVISION

Palagi

SUB-DIVISION

Measurement Book

2161

Executive Engineer
RPO West Division
Aizawl

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: -					
Restoration of Road from					
Kujari to Sahanwar under					
RDR					
Ch- AF- 3000		8600	8750		
Agency- ES Road WD Agency					

Date of measurement: - 17/10/2021					
1)	Supplying labour for cutting				
	bitting & fixing Bamboo pole				
	do - complete job				
	AT ch- 300mm				
	1x	233	x	2.04	= 466.04
	1x	33	x	2.04	= 66.04
	AT 8600 m				
	1x	250	x	5.04	= 1250.04
	1x	220	x	4.04	= 440.04
	AT ch- 8750 m				
	1x	100	x	4.04	= 400.04
					2622.04

Continuation

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
② Supply & labour for bitting & fitting Bamboo runner do Complete job					
AT Ch-3000 w					
R/S	1x	70.0x	3.0x	=	210.0w
US	1x	10.0x	2.0	=	20.0 w.
AT Ch-860					
US	1x	108.0x	3.0	=	324.0w
AT Ch-8750					
US	1x	30.0x	3.0	=	90.0w
					644.0w

③ Supply & EC bag filled with L.sand — do — Complete job					
Ch-3000w	1x	75.0x	$\frac{1.20+0.90}{2}$	$\frac{1.20+1.50}{2}$	= 118.134
	1x	10.0x	$\frac{1.20+0.90}{2}$	$\frac{1.20+1.50}{2}$	= 14.180
Ch-8600w	1x	55.0x	$\frac{3.5+2.0}{2}$	$\frac{3.5+2.0}{2}$	= 423.500
	1x	53.0x	$\frac{2.0+1.60}{2}$	$\frac{3.5+4.0}{2}$	= 381.600
Ch-8750	1x	30.0x	$\frac{1.50+1.20}{2}$	$\frac{2.0+2.50}{2}$	= 91.134
					1028.54
No. of EC bag					
					$1028.54/0.034$
					= 30251.17 bag
					Say = 30251 bag

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4) Supplying & laying up with					
L.S and do complete job					
Ch-3000m	1x	81.50x	$\frac{6.50+5.00}{2}$	$\times 1.20 + 2.10 \times 1.50$	
					$\frac{3}{3}$
					$= 734.184^3$
Ch-8600m	1x	55.00x	$\frac{3.0+6.50}{2}$	$\times 5.0+6.50$	
					$\frac{2}{2}$
					$= 2450.94$
	1x	20.00x	$\frac{4.10+6.50+6.00}{3}$	$\times \frac{3.50+5.00}{2}$	
					$\frac{2}{2}$
					$= 481.674^3$
	1x	33.00x	$\frac{2.50+5.00+4.50}{3}$	$\times \frac{3.0+5.0}{2}$	
					$\frac{2}{2}$
					$= 528.04^3$
Ch-8750m	1x	30.00x	$\frac{2.00+3.50}{2}$	$\times 1.8+2.34$	

					$= 184.054^3$
					4378.844
deduct	4x	2.50x	3.14	$\times \frac{1.10 \times 1.13}{4}$	$= 610.02^3$
HPC at 3000m					4368.824^3

⑤ Supplying laying up & fixing HPC
do complete job

AT Ch-3000m

4x 2.50 m = 10.00 m

Continuation

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w:-	Restoration of Road from Kujari to Sohander at Ch-3000m, 8600m & 8750m				
Head-	FDR				
Agency-	Deptt.				
①	Supplying & Piling with L. sand — do Complete job				
4368.824 ³	(Vide TMB Pg-03)				
	@ Rs 626 = 88/m = Rs 2738770.00				
②	Supplying labour for Piling & Piling Bamboo pile - — do Complete job				
2622.04	(Vide TMB Pg-01)				
	@ Rs 50 = 20/m = Rs 131624.00				
③	Supplying labour for Piling & Piling Bamboo Runners — do Complete job				
644.04	(Vide TMB Pg-02)				
	@ Rs 28 = 53/m = Rs 18373.00				
④	Supply & E. bay filled with L. sand — do Complete job				

Continuation

Rs 2888767.00

				R _S 54,264,452 = ∞
Add I x L Cess (+)	x		54,265 = ∞	
Add 12% UST (+) B	B		6,511,774 = ∞	
			R _S 60,836,229 = ∞	
Paid 15/3/21	AZ	Faint	15/3/2021	OALN

Continuation