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F.D.R. 2020-2021

MBNE-1406

Schedule XLV-Form No. 134

24/08/1991 - 70-34 892 2131 49 4'

42421N 816 DIVISION

SUB-DIVISION

Measurement Book

સત્તાધિકારી દ્વારા આપવા જે સિ 55-
 વાણીકરોને જે કુલ 50 (પચાસ)
 મશીન જે હાલમાં હાલ છે તે
 આ વિગતોના આધારે કુલ ભાગ
 કુલ આ (પચાસ) મશીન જે
 નામ છે તેના દ્વારા આપવા જે

Executive Engineer
 BWD Water Division

16/8/78

Sch. XLV-Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 1406

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				Contents of area
	No.	L.	B.	D.	
Name of work :-	Restoration of road from				
	T03	to kebat Tola			
	(FDR - 2020-21)				
Agency :-	Departmental				
Authority :-	E.E, RWD, works Division,				
	Supaul				
Date of measurement :-	01.09.2020				
1. Laying Brick Bat in Damage Portion					
Ch. 0.1000 km					
Below Pipe	1	21 m	9 m	1.5 m	= 283.500 m ³
Above Bed level	1	24 m	6 m	1.65 m	= 237.600 m ³
Deduct gty	7	3 m	2.5 m	1.2 m	= 659.346 m ³
	2	15 m	1.5 m	1.0 m	= 45.000 m ³
Ch. 0.8700 km					
Below Pipe	1	18 m	9 m	1 m	= 162.000 m ³
Above Bed level	1	22 m	6 m	1.8 m	= 237.600 m ³
Deduct gty	6	3 m	2.5 m	1.2 m	= 50.868 m ³
Total =					855.486 m ³
2. Labour for cutting 62 mm to 75 mm dia					
bamboo Piles to size and making					
Shoes and driving etc - - -					
with all complete Job.					
Ch. 0.1000 km					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13 Nos X	1.25 m			=	16.250 m
13 Nos X	1.25 m			=	16.250 m
Ch. 0.870 km					
8 Nos X	1.25 m			=	10.000 m
7 Nos X	1.25 m			=	8.750 m
8 Nos X	1.25 m			=	10.000 m
for Bamboo pilling	1.25 m 8 Nos X	1.25 m		=	10.000 m
				Total	71.250 m

3. Labour for filling and fixing 75mm dia bamboo runners in position at every vertical pole with 180 mm long nails or 38 swg G.I wire including of G.I wire or nails complete job.

Ch. 0.100 km					
	13 Nos X	4 m	=	52.00 m	
	13 Nos X	4 m	=	52.00 m	
Ch. 0.870 km					
	8 Nos X	4 m	=	32.00 m	1403
	7 Nos X	3 m	=	21.00 m	-
	8 Nos X	4 m	=	32.00 m	
	8 Nos X	4 m	=	32.00 m	
			Total	221.00 m	

4. Supply of Bamboo at site

(Bamboo pilling x 30) + Length of

Runner + Chachart Area

1.413

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

171250 1.25	171m	221m	0	1.413	
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$$171m + 221m + 0 = 392$$

$$\therefore \text{Nos of Sandoes} = \frac{392}{6} = 65.33$$

$$\text{Say} = 65 \text{ Nos.}$$

S. Labour Filling empty Cement bags with local sand, stretching the bags and placing including supply of Suttli and Ec etc all complete Job.

$$\text{Ch. 0.100km, Nos. of bag} = 390.00$$

$$\text{Ch. 0.870km, Nos. of bag} = 1510.00$$

$$\text{Total (in nos)} = 2500.00$$

$$\text{Total (in km)} = 25.00$$

G. Providing and Laying Reinforced Cement Concrete Pipe NPS as per design in Single Row (1000mm Dia)

Ch. 0.100km

$$1 \times 3m \times 2.5m = 7.50m^2$$

Ch. 0.870km

$$1 \times 3 \times 2.5m = 7.50m$$

$$\text{Total} = 15.00m$$

01.09.2020
JE/Normali

Continuation

Abstract of Cost

PDR 2020-21

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

1/2. Peawdly & laying brick ball

obtained from chimney

as per E/I.

Qty. 855.486 m³ wide TMB P-(1)

Qty. 103.38 m³ wide TMB P-(4)

= 958.866 m³ @ R. 1869.35/m³ = R. 17,87,662=00

2/3. Labour for cutting 62mm to 75

mm dia bamboo piles as per E/I

Qty. 71.25 m wide TMB, P-(2)

Qty. 58.75 m wide TMB, P-(5)

= 130.0 m @ R. 27.90/m → R. 3627=00

3/5. Labour for fitting & fixing

75mm dia bamboo runners

as per E/I.

Qty. 221.0m wide TMB, P-(2)

Qty. 69.0m wide TMB, P-(5)

= 290.0m @ R. 5.00/m → R. 1450=00

4/6. Supply of bamboo at sites

Qty. 65.0 Nos wide TMB P-(3)

Qty. 35.0 Nos wide TMB P-(5)

= 100.0 Nos @ R. 158.44/Nos. = R. 15,844=00

5/7. Labour filling empty Cement

Continuation R. 18,08,583=00

c/p

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

		B/p	—	h. 18,08,	583-00
Days with local sand					
—	—	as per 2/I.			
Qty. 25.0 % wide TMB	P-3				
Qty. 24.3 % wide TMB	P-6				
= 49.30 % @ h. 3300,	20/1,			= h. 1,62,700-00	

6/10. Providing & laying RCC NP3					
(1000 mm dia) H.P. bar	—				
—	all complete job.				

Qty. 15.0 m wide TMB	P-3				
@ h. 3454,	80/m			= h. 51,822-00	

Total	—	= h. 20,23,105-00			
Add: Siginlceage Fee	(+) h.	1,04,305-00			
Add: GST @ 12%	— (+) h.	2,42,773-00			
Add: Labour Cost @ 1%	(+) h.	20,231-00			
Total	= h.	23,90,414-00			

18/4/21
 J. N.

Inspection Report for Flood Damage Work

Date :

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

2. Name of Block/Road :- Nirmali | T03 to Kebat Tola.

A. For Road

1. Damage Location/Chainage : 100m, 870m

2. Damage Length : 227 M.

3. Nature of Damage : Due to flood

4. Datils of Restoration Works :

- Manterial being used in Restoration work : H.P, Bamboo, ECB filling with local sand, Brick Bat.
- Equipments/Tools being used in Restoration work : JCB, Tractor, Roller.
- Procedure taken up in Restoration work : Filling
- Restored Length : 227 M

B. For Bridge

5. Damage Location/Chainage :

6. Damage Length :

7. Nature of Damage :

8. Datils of Restoration Works :

- Manterial being used in Restoration work :
- Equipments/Tools being used in Restoration work :
- Procedure taken up in Restoration work :
- Restored Length :

 30/11/20
Signature of JE/AE/EE

 30/11/20
Signature
(Name of Inspector)