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FDR 2020-21

Schedule XLV-Form No. 134

SEET MOTI DHALA BANDH PROPOSED SAFI SANTHALI
ROAD TO MADHRECHOWK TO GOPALPUR

DIVISION

MANIHARI

SUB-DIVISION

MEASUREMENT BOOK

815
08/11/2020

प्रकाशित किया जाता है कि इस
मापी पुस्तक में मशीन द्वारा अंकित
कुल 100 पंक्तियाँ अंकित हैं,
श्री वाल्मीकि कुमार, कोठ कमिश्नर
मणिहरी के नाम से निर्मित
किया जाता है।



Executive Engineer
Rural Works Department
Works Division, Manihari
8/11/20

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—					
SEET MOTI CHALA BANDH					
Proposed cable Santhali					
Road To Madari Chowk					
To Gopal Pur					
Agency—					
Departmental					
Year—					
F.I.R Part A (2020)					
Length—					
1.150 KM					
Item No.—					
Providing & laying					
Brick Bat—					
E.I.					

Calculation of Brick Bats					
Ch-0.00m 300	$\frac{4.20+4.00+4.20}{3}$	$\frac{1.45+1.60+1.90+1.60}{4}$			$204.69 m^3$
R/S 10.00x 3.00	$\times 0.15$				$4.50 m^3$
10.10x	$\frac{3.50+4.60}{2}$	> 1.60			$65.45 m^3$
	3.00×1.50	$\times 0.15$			$0.68 m^3$
6.00x	$1.90 \times \frac{2.50+3.60}{2}$				$34.77 m^3$
	3.00×2.10	$\times 0.20$			$1.26 m^3$
	2.00×0.90	$\times 0.20$			$0.36 m^3$
	$6.00 \times \frac{1.10+2.00}{2}$	> 0.15			$1.40 m^3$
	2.00×1.00	$\times 0.20$			$0.40 m^3$
R/S 2.50x	$\frac{1.80+1.50}{2}$	$> \frac{0.15+0.20}{2}$			$0.72 m^3$
L/S	3.00×1.20	$\times 0.30$			$1.08 m^3$
	2.00×1.10	$\times \frac{1.00+1.60}{2}$			$3.96 m^3$
R/S 6.00x	$\frac{1.90+2.10}{2}$	$> \frac{1.00+1.20}{2}$			$11.22 m^3$
R/S 7.00x	$\frac{1.30+1.10}{2}$	$> \frac{1.20+1.00}{2}$			$9.24 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
L/S 8.00X	$\frac{1.00+2.00+1.00}{3}$	$\frac{2.00+1.00}{2}$	$\frac{0.70+0.30}{2}$	=	2.25 m ³
R/S 3.00X	$\frac{2.10+1.00}{2}$	3.85	$\frac{1.50+1.00}{2}$	=	11.16 m ³
L/S 7.60X	$\frac{1.10+2.50}{2}$	$\frac{0.70+0.30}{2}$		=	3.42 m ³
L/S 13.00X	$\frac{2.10+1.00}{2}$	$\frac{4.60+2.30}{2}$	$\frac{2.10+1.00}{2}$	=	38.63 m ³
R/S 2.40X	$\frac{14.00+3.10}{2}$	$\frac{4.20+4.00}{2}$	$\frac{2.10+1.00}{2}$	=	250.03 m ³
L/S 5.00X	$\frac{1.10+3.50}{2}$	$\frac{2.10+1.00}{2}$	2.0	=	23.00 m ³
Total =					763.21 m ³

Item No 2 — Supply of empty
Cement Bag of labour
of filling cement Bag —
E/I

Calculation of Empty Bags

$$10.5 \times 0.50 \times 0.15 = 0.79 \text{ m}^3$$

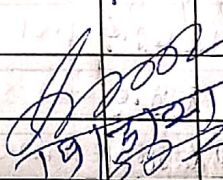
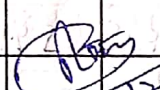
5.00 X 0.60 X 0.35	1.05 m ³
10.10 X 0.30 X 0.15	0.45 m ³
3.00 X 0.55 X 0.40	0.66 m ³
6.00 X 1.00 X 0.65	3.90 m ³
8.00 X 1.00 X 0.60	4.80 m ³
2.00 X 1.00 X 0.90	1.80 m ³
13.00 X 1.00 X 0.55	7.15 m ³
14.00 X 1.00 X 0.50	7.00 m ³
Total =	24.70 m ³

Item No 3 — Scaffolding 62 mm
to 75 mm dia bamboo
piled in size —
E/I

Calculation of Bamboo Pile

length	width	210
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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1	10.50		0.30	=	35 m ³
1	5.00		0.30	=	17 m ³
1	10.10		0.30	=	34 m ³
1	3.00		0.30	=	10 m ³
1	6.00		0.30	=	20 m ³
1	3.00		0.30	=	10 m ³
1	2.00		0.30	=	7 m ³
1	13.00		0.30	=	43 m ³
1	14.00		0.30	=	47 m ³
Total	66.60			=	222 m ³
 19/03/24 S-E  19/03/24 S-E					

<u>Abstract Cost</u>	
Name of work -	Sees Moti
	dhala Bandh Proposed
	Sabi Santhali Road To
	Madari Chowk To
	Gopalpur
Agency -	Departmental
Year -	F.D.R Part A (2020)
Length -	1.150 km
Item no 1 -	Providing of
	laying of Brick of
	Bat - - - E/I
76'3.21-24.70	= 738.51 m
@ Rs 1717.370/m ²	Rs-1268290.5

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item No 2</u> - Supply of empty cement bag and labour for filling					
Cement bag --- E/I					
$27.70/0.034 = 726.53$					
@ Rs. 32.140/40 Rs.					23350.55
<u>Item No 3</u> - S/F/Fixing 62 mm to 35 mm dia bamboo piles					
Cons 12e --- E/I					
$222 \times 3 = 666.00$					
@ Rs. 47.58/M ² Rs.					31688.280
<u>Item No 4</u> - Supplying Fitting and Fixing Bamboo Corner including joint --- E/I					
$66.60 \times 4 = 266.40m$					
@ Rs. 24.71/M ² Rs.					6582.744
<u>Item No 5</u> - Supplying fitting and Fixing in position split bamboo woven chack with slg. --- E/I					
$66.60 \times 2 = 449.00M$					
@ Rs 221.69/M ² Rs.					29529.108
Total =					135944.1341
Say Rs.					13.594
G.S.T. @ 12% Rs.					1.631
L.C @ 1% Rs.					0.136
Total Rs.					15.362

Continuation

19/03/21
J.E.