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FDR 2020-2021

Schedule XLV-Form No. 134

BADL HANSWAR BABULAL RISHI HOUSE TO
KARWAR DHAR VIA KEWALA PANCHYAT

Manihari DIVISION

Manihari

SUB-DIVISION

MEASUREMENT BOOK

354
8/11/2020

1

Name for 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—Repairing of Road					
Badi Hanwar Babulal					
Rishi house to Karwar					
Dhar Vikkewalala					
Panchayat.					
Agency—Departmental					
Year—F.D.R Part A (2020)					
Length—3.000 KM					
Item no 1—Providing and					
Laying of Brick					
Bat --- E/F					
<u>Calculation of Brick Bat</u>					
1 NO x 30.00 x $\frac{1.60+2.20}{2}$ x $\frac{0.30+0.65}{2}$					27.08 m ³
1 NO x 7.00 x $\frac{1.60+2.20}{2}$ x 0.85					11.91 m ³
1 NO x 26.50 x $\frac{1.65+2.50}{2}$ x $\frac{1.10+1.10}{2}$					57.74 m ³
1 NO x 30.00 x $\frac{2.25+3.60}{2}$ x $\frac{2.20+1.50}{2}$					176.21 m ³
1 NO x 14.50 x $\frac{2.85+2.95}{2}$ x $\frac{0.50+1.10}{2}$					31.54 m ³
1 NO x 11.30 x $\frac{2.25+3.20}{2}$ x $\frac{0.30+0.50}{2}$					13.10 m ³
1 NO x 30.00 x $\frac{2.25+3.20}{2}$ x $\frac{1.10+0.65}{2}$					75.47 m ³
2 NO x 9.10 x $\frac{3.10+3.20}{2}$ x $\frac{0.20+1.10}{2}$					47.96 m ³
1 NO x 14.10 x $\frac{1.25+2.50}{2}$ x $\frac{1.70+1.85}{2}$					46.59 m ³
2 NO x 16.50 x $\frac{1.55+2.50}{2}$ x $\frac{1.60+1.65}{2}$					108.55 m ³
1 NO x 17.50 x $\frac{2.55+2.85}{2}$ x 0.80					16.20 m ³
1 NO x 9.15 x $\frac{2.60+3.20}{2}$ x 0.80					20.50 m ³
2 NO x 16.20 x $\frac{2.60+3.60}{2}$ x 0.80					39.68 m ³
1 NO x 8.10 x $\frac{2.65+3.20}{2}$ x 0.80					18.95 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 3.10 X		$\frac{2.13+2.50}{2}$	$\frac{0.95+1.50}{2}$		98.09 m ³
1 NO X 3.10 X		$\frac{2.13+2.50}{2}$	$\frac{0.95+1.50}{2}$		9.01 m ³
1 NO X 15.80 X		$\frac{2.85+3.30}{2}$	$\frac{0.30+0.35}{2}$		15.79 m ³
1 NO X 15.10 X		$\frac{2.65+3.50}{2}$	$\frac{0.65+0.65}{2}$		30.18 m ³
1 NO X 28.20 X		$\frac{3.00+3.70}{2}$	$\frac{1.14+1.80}{2}$		88.73 m ³
1 NO X 6.10 X		$\frac{3.00+3.60}{2}$	$\frac{2.20+1.95}{2}$		44.77 m ³
1 NO X 16.40 X		$\frac{1.65+2.95}{2}$	$\frac{0.15+0.40}{2}$		10.37 m ³
1 NO X 30.00 X		$\frac{3.00+2.95}{2}$	$\frac{1.43+0.60}{2}$		90.59 m ³
7 NO X 24.20 X		$\frac{1.25+2.95}{2}$	$\frac{1.70+1.85}{2}$		90.21 m ³
1 NO X 6.20 X		$\frac{1.55+2.50}{2}$	$\frac{1.60+1.65}{2}$		20.40 m ³
1 NO X 30.00 X		$\frac{2.65+2.80}{2}$	$\frac{0.65+1.00}{2}$		67.69 m ³
1 NO X 30.00 X		$\frac{2.70+2.55}{2}$	$\frac{1.15+1.85}{2}$		106.31 m ³
				Total	1359.95 m ³

Deduction					
1 NO X 7.00 X		$\frac{0.80+1.00}{2}$	$\frac{0.60+1.00}{2}$		3.78 m ³
1 NO X 6.50 X		$\frac{0.85+0.75}{2}$	$\frac{0.10+0.10}{2}$		0.65 m ³
1 NO X 30.00 X		$\frac{1.20+1.25}{2}$	$\frac{0.85+0.70}{2}$		28.48 m ³
1 NO X 14.50 X		$\frac{1.00+0.80}{2}$	$\frac{0.60+0.40}{2}$		6.53 m ³
2 NO X 9.10 X		$\frac{1.90+1.20}{2}$	$\frac{0.40+0.60}{2}$		13.20 m ³
1 NO X 14.20 X		$\frac{1.00+1.15}{2}$	$\frac{0.70+1.00}{2}$		12.39 m ³
2 NO X 16.50 X		$\frac{1.00+0.80}{2}$	$\frac{0.75+0.70}{2}$		24.50 m ³
1 NO X 7.50 X		$\frac{1.00+1.20}{2}$	$\frac{0.40+0.40}{2}$		3.30 m ³
1 NO X 15.80 X		$\frac{1.05+1.15}{2}$	$\frac{1.00+0.80}{2}$		7.82 m ³
1 NO X 15.10 X		$\frac{0.85+0.95}{2}$	$\frac{0.40+0.50}{2}$		6.12 m ³
1 NO X 28.20 X		$\frac{0.90+1.00}{2}$	$\frac{0.55+0.40}{2}$		13.40 m ³
2 NO X 6.10 X		$\frac{1.20+1.00}{2}$	$\frac{0.95+1.00}{2}$		6.54 m ³
1 NO X 16.40 X		$\frac{0.64+1.25}{2}$	$\frac{0.30+0.60}{2}$		6.83 m ³
1 NO X 30.00 X		$\frac{1.10+1.30}{2}$	$\frac{0.60+0.95}{2}$		23.90 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 30.00 X 1.60 X 1.40 X 1.70 X 1.10 =	2				58.50 m ³
Total =					220.33 m ³

Item No. 2 - Supply of empty
and cement and labor
for filling cement by
E.I.

Calculation of empty cement

1 NO X 30.00 X 0.30 X 1.00 =	9.00 m ³
1 NO X 7.00 X 0.85 X 0.95 =	5.65 m ³
1 NO X 26.50 X 1.10 X 0.85 =	24.78 m ³
1 NO X 14.50 X 0.50 X 0.75 =	5.44 m ³
1 NO X 11.30 X 1.10 X 1.00 =	12.43 m ³
2 NO X 9.10 X 1.55 X 0.85 =	23.98 m ³
2 NO X 16.80 X 1.80 X 0.75 =	44.55 m ³

1 NO X 7.50 X 1.90 X 0.65 =	9.26 m ³
1 NO X 9.15 X 2.40 X 0.95 =	20.86 m ³
1 NO X 8.10 X 3.30 X 1.20 =	26.73 m ³
Total =	182.68 m ³

Item No. 3 - S/F fixing 62 mm
25 mm dia bamboo
in size - E.I.

Calculation of Bamboo Piles

No.	length	width	No.
1 NO	30.00	0.30 =	100 m ³
4 NO	7.00	0.95 =	7 m ³
1 NO	26.50	0.85 =	31 m ³
7 NO	14.50	0.75 =	19 m ³
1 NO	11.30	1.00 =	11 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 NO	9.10		0.88	=	21 m ³
2 NO	16.50		0.35	=	44 m ³
2 NO	3.50		0.65	=	12 m ³
1 NO	9.15		0.95	=	10 m ³
1 NO	8.10		1.00	=	8 m ³
Total = 139.65					= 264 m ³
<i>[Signature]</i>					19/3/21
<i>[Signature]</i>					SE
Abstracted cost					
Name of work - Badi					
Harnwar babola					

Rishi house to	
Karwar Dhar via	
Kewala Ranchy	
Agency - Departmental	
Year - F.D.R Part (2020)	
Length - 3.000 KM	
Item No 1 - Providing of	
and laying of Barick	
Bar - - - E/I	
1359.95 - (20.33 + 182.68) = 1156.94	
@ Rs 1717.370/M Rs - 1643419.825	
Item No 2 - Supplying of empty	
Cement bag and labor	
for filling cement	
- - - E/I	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		182.68	0.734	=	5373
@ Rs- 32.40 / m ² Rs-					172686.802
<u>Item No 3 - S/F/Fixing</u>		62 mm			
to 85 mm dia bamboo in					
Pile size --- E/I					
214 x 3 =		791.58 m			
@ Rs 470.58 / m Rs-					37663.381
<u>Item No 4 - Supplying fitting</u>					
and fixing Bambo					
Runner including					
Cost --- E/I					
139.65 x 4 =		558.60			
<u>Item No 5 - Supplying fitting</u>					
fixing in position					
Splst bamboo work					
--- E/I					
139.65 x 2 =		279.30			
@ Rs- 221.69 / m Rs					61918.017
Total					192943.100
Say Rs- 19.295					
G.S.T @ 12% 2.315					
L.C. @ 1% Rs- 0.193					
Total Rs-					21.803
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