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FDR 2020-21

Schedule XLV-Form No. 134

OLIPUR KUNDI TO CHENGAGOPALPUR

DIVISION

MANIHARI

SUB-DIVISION

Measurement Book

337
08/11/2020

Name to 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 - Drip or Pond					
To Chongya Chaplepur					
Agency - Departmental					
Year - F.R.R. Part A (1980)					
Length - 3.200 KM					
Item 101 - Providing of					
laying Brick Bats					
E.I.					
Calculations of Brick Bats					
$1 \text{ NO} \times 24.00 \times \frac{3.10 + 1.20}{2} \times \frac{1.10 + 1.60}{2} = 85.86 \text{ m}^3$					
$1 \text{ NO} \times 11.00 \times \frac{1.60 + 2.20}{2} \times 0.85 = 14.79$					
$1 \text{ NO} \times 7.80 \times \frac{1.65 + 1.90}{2} \times \frac{0.20 + 0.25}{2} = 3.16 \text{ m}^3$					
$1 \text{ NO} \times 23.00 \times \frac{2.75 + 1.90}{2} \times \frac{1.10 + 0.45}{2} = 51.86$					
$1 \text{ NO} \times 11.40 \times \frac{2.85 + 1.85}{2} \times \frac{0.52 + 1.00}{2} = 22.48$					
$1 \text{ NO} \times 6.00 \times \frac{2.75 + 2.20}{2} \times \frac{0.15 + 1.00}{2} = 6.78 \text{ m}^3$					
$1 \text{ NO} \times 15.00 \times \frac{2.75 + 1.30}{2} \times \frac{1.10 + 1.40}{2} = 37.74$					
$2 \text{ NO} \times 4.00 \times \frac{3.00 + 2.50}{2} \times \frac{0.30 + 1.00}{2} = 19.72 \text{ m}^3$					
$1 \text{ NO} \times 21.00 \times \frac{1.50 + 1.35}{2} \times \frac{1.70 + 1.85}{2} = 55.43 \text{ m}^3$					
$2 \text{ NO} \times 18.00 \times \frac{1.15 + 1.80}{2} \times \frac{1.60 + 1.65}{2} = 97.97 \text{ m}^3$					
$1 \text{ NO} \times 13.50 \times \frac{2.15 + 2.85}{2} \times 0.50 = 29.46 \text{ m}^3$					
$1 \text{ NO} \times 14.60 \times \frac{2.00 + 2.15}{2} \times \frac{2.10 + 1.70}{2} = 87.10 \text{ m}^3$					
$1 \text{ NO} \times 12.00 \times \frac{1.65 + 2.15}{2} \times \frac{0.45 + 1.00}{2} = 7.39 \text{ m}^3$					
$1 \text{ NO} \times 16.70 \times \frac{2.60 + 1.20}{2} \times 0.80 = 30.60 \text{ m}^3$					
$1 \text{ NO} \times 14.50 \times \frac{2.60 + 2.40}{2} \times 0.50 = 27.00 \text{ m}^3$					
$1 \text{ NO} \times 7.20 \times \frac{2.45 + 1.20}{2} \times 0.80 = 13.98 \text{ m}^3$					

Continuation

1

C

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 16.40 X	2.85+2.50	2.55+2.90			124.00 m ²
1 NO X 16.40 X	2.85+2.50	2.55+2.90			33.71 m ²
1 NO X 7.60 X	2.85+2.50	3.30	0.40+0.50		7.60 m ²
1 NO X 13.50 X	2.65+2.55	0.65+0.65			22.82 m ²
1 NO X 20.00 X	3.00+2.95	1.43+0.60			78.51 m ²
1 NO X 13.50 X	3.00+2.95	2.20+1.95			80.54 m ²
1 NO X 16.00 X	1.65+2.95	0.15+0.40			10.12 m ²
2 NO X 23.10 X	3.00+2.95	1.43+0.60			139.51 m ²
1 NO X 7.55 X	2.30+3.10	2.10+2.10			41.79 m ²
1 NO X 13.50 X	1.55+1.80	1.60+1.65			36.75 m ²
1 NO X 7.25 X	2.65+2.82	0.65+1.00			16.36 m ²
1 NO X 16.60 X	2.70+2.55	1.05+1.05			58.83 m ²
Total					1252.19 m ²

Deduction					
1 NO X 6.00 X	1.00+0.90	0.25+0.40			1.85 m ³
1 NO X 15.00 X	1.50+1.30	1.00+0.75			18.375 m ³
2 NO X 4.00 X	1.00+0.75	0.40+0.50			3.510 m ³
1 NO X 21.50 X	1.10+0.95	0.80+0.90			18.732 m ³
2 NO X 18.00 X	1.10+0.95	0.80+0.90			23.063 m ³
1 NO X 13.52 X	1.05+1.10	1.00+0.40			5.535 m ³
1 NO X 14.60 X	1.30+1.10	1.00+0.90			16.644 m ³
1 NO X 12.00 X	1.60+1.00	0.90+0.40			6.630 m ³
1 NO X 16.60 X	1.00+0.70	0.55+0.60			9.068 m ³
2 NO X 23.10 X	1.00+0.70	0.40+0.40			19.751 m ³
1 NO X 16.74 X	2.20+1.30	0.55			15.155 m ³
1 NO X 7.55 X	1.00+1.10	1.00+1.10			8.522 m ³
1 NO X 13.50 X	1.00+1.20	1.10+1.00			15.593 m ³

Continuation

sch. XLV—Form No. 134

Details of actual measurement

Contents of area

Particulars

No.

L.

B.

D.

Total = 162.43

Item No 2 - Supply of empty cement bag and labour

of filling cement bag

E/L

Calculation of empty cement bag

1 NO X 24.00 X 0.60 X 0.25 = 3.60 m

2 NO X 11.00 X 0.60 X 0.25 = 2.78 m

1 NO X 6.00 X 1.20 X 0.30 = 2.16 m

1 NO X 15.00 X 0.60 X 0.50 = 4.50 m

1 NO X 18.50 X 0.80 X 0.40 = 4.32 m

2 NO X 14.60 X 0.90 X 0.60 = 7.88 m

1 NO X 12.00 X 1.20 X 0.70 = 10.08 m

1 NO X 16.80 X 1.00 X 0.75 = 12.53 m³

2 NO X 14.50 X 1.00 X 0.60 = 8.70 m³

1 NO X 16.40 X 1.15 X 0.60 = 11.32 m³

1 NO X 14.60 X 1.40 X 0.35 = 7.15 m³

1 NO X 26.00 X 1.00 X 0.70 = 18.20 m³

Total = 93.21 m³

Item No 3 - S/F/Fixing 62 mm

75 mm dia bamboo piles

in size E/L

Calculation of Bamboo Piles

Length width No

24.00 0.30 = 80 NO

11.00 0.30 = 37 NO

6.00 0.30 = 20 NO

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
		15.60	0.30	=	50.40
		18.50	0.30	=	45.40
		14.60	0.30	=	49.40
		12.00	0.30	=	40.40
		16.70	0.30	=	56.40
		14.50	0.30	=	48.40
		16.40	0.30	=	55.40
		14.60	0.30	=	49.40
		26.00	0.30	=	87.40
		Total = 184.40			= 615.40

[Signature] *[Signature]*
19/03/14
J.E.

Abstract
Name of work = Olipur
Kundi to chenga
Gopalpur
Agency - Departmental
Year - F.D.R Part A (200)
Length - 3.200 Km
Item No 1 - Providing
laying back bit
E.I.
1252.19 - (160.43 + 93.71) = 996.55
@ K_v - 1717.370/m R_t - 1711447.051
Item No 2 - Supplying

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cement bag and labour for filling cement bag -- E/L					
93.24 / 0.034 = 2742					
@ Rs. 32.140 / No					Rs. 88114.646
Item No 3 - S/E/Fixing 62 mm to 75 mm dia bamboo piles size -- E/L					
615 X 3 = 1844.00 m					
@ Rs. 47.58 / m ²					Rs. 87737.520
Item No 4 - Supply of fixing Bamboo runner in detail					
Cost -- E/L					
@ Rs. 24.71 / m ²					Rs. 18226.096
Item No 5 - Supply, fitting and fixing in position Split bamboo -- E					
E -- E/L					
184.40 X 2 = 368.00 m					
@ Rs. 221.69 / m ²					Rs. 81759.272
Total					Rs. 198728.585
Say					Rs. 19.872
G.S.T. @ 12%					Rs. 2.385
L.C. @ 1%					Rs. 2.385
Total					Rs. 22.456

Continuation

19/03/24
J-E