

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
h hd ^o - F.D.R.					
1/w ^o - Jagatpur sandha to godhijari					
tel alharantel. road sadak.					
Authority: E.E RWD phulpara					
Agency: Departmental					
Date of entry: 05.11.2020					
Date of measurement: 05.11.2020					
Restoration of road embankment					
using bricks balls.					
CH-100M	1x5x	$\frac{1+2}{2}$	$\times \frac{0.6+0.9}{2}$		$= 5.62 M^3$
CH-900M	1x20Mx	$\frac{2+3}{2}$	$\times \frac{0.5+0.9+0.1}{3}$		$= 33.30 M^3$
	1x3x	$\frac{1+3}{2}$	$\times \frac{0.85+2+0.75}{3}$		$= 21.60 M^3$
	1x4Mx	$\frac{2+5}{2}$	$\times \frac{0.85+2+0.85}{3}$		$= 16.33 M^3$
CH-1000M	1x29x	$\frac{2+3}{2}$	$\times \frac{0.20+1.5+0.85}{3}$		$= 78.54 M^3$
	1x9.6Mx	$\frac{2+3}{2}$	$\times \frac{1+1.5+1.10}{3}$		$= 28 M^3$
	1x7.5Mx	$\frac{1+2}{2}$	$\times \frac{0.80+1.5+0.9}{3}$		$= 12 M^3$
CH-1300M	1x14.5Mx	$\frac{1.5+2}{2}$	$\times \frac{0.40+0.9+0.5}{2}$		$= 15.22$
	1x29x	$\frac{1.5+2}{2}$	$\times \frac{0.45+0.9+0.55}{3}$		$= 32.14 M^3$
	1x30Mx	$\frac{1.6+2}{2}$	$\times \frac{0.4+0.9+0.75}{3}$		$= 36.90 M^3$
CH-1500M	1x19.6Mx	$\frac{1+2.25}{2}$	$\times \frac{0.75+1+0.75}{2}$		$= 18.36 M^3$
	1x8Mx	$\frac{1.75+2.0}{2}$	$\times \frac{0.75+1+0.75}{2}$		$= 12.5 M^3$
CH-1900M	1x20Mx	$\frac{0.9+1.20}{2}$	$\times \frac{0.9+1.50+0.9}{3}$		$= 21.70 M^3$
	1x15Mx	$\frac{0.9+1.6}{2}$	$\times \frac{0.7+1.2+0.55}{3}$		$= 17.17 M^3$
CH-2100M	1x9.5Mx	$\frac{1.5+2.5}{2}$	$\times \frac{0.65+2+0.90}{3}$		$= 22.48 M^3$
	1x15Mx	$\frac{1.5+2}{2}$	$\times \frac{0.70+1.20+0.75}{3}$		$= 23.18 M^3$
CH-2600M	1x50Mx	$\frac{0.6+0.9+1.1}{3}$	$\times \frac{0.43+0.9+0.7}{3}$		$= 29.59 M^3$

Continuation

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1x 20M x	$\frac{1.4+2}{2}$		$\frac{0.45+0.9+0.7}{3}$		$= 23.23 M^3$
1x 22M x	$\frac{3.5+5.5}{2}$		$\frac{0.9+2+0.85}{3}$		$= 123.75 M^3$
1x 30M x	$\frac{3+7}{2}$		$\frac{1.9+3+1.6}{3}$		$= 325.00 M^3$
1x 30M x	$\frac{2+4}{2}$		$\frac{0.75+2.5+0.85}{3}$		$= 129 M^3$
1x 4.6M x	$\frac{2+2.5}{2}$		$\frac{0.6+1.1}{2}$		$= 8.28 M^3$
1x 9M x	$\frac{2+2.5}{2}$		$\frac{0.75+0.9}{2}$		$= 16.71 M^3$
1x 5M x	$\frac{1+2}{2}$		$\frac{0.3+0.1}{2}$		$= 3.37 M^3$
1x 9M x	$\frac{1.5+2.5}{2}$		$\frac{0.6+0.4+0.75}{3}$		$= 13.50$
					1067.48

② Labour for 62mm to 75mm dia bamboo piling manually

$$\text{Total length} = 2 \times 80M = 160M$$

$$2 \times 40M = 40M$$

$$\text{Total} = 200M$$

$$\text{C/C distance of pile} = 0.5M$$

$$\text{Nos of pile} = 200/0.5 = 401 \text{ Nos}$$

$$\text{Length of pile} = 3.5 \text{ Metre}$$

$$\text{Total length} = 3.5 \times 401 = 1404M$$

$$\text{Driving depth of one pile} = 2 \times 401 = 802M$$

③ Labour for F/F 62mm to 75mm dia bamboo runner with every vertical pile etc all jobs

$$\text{Total length} = 200M$$

$$3 \text{ row} \times 200M = 600M @ 300M$$

Continuation

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	No.	L.	B.	D.	
④ Labour for fitting and fixing split bamboo one chain					
Total Length = 200M					
$200M \times 1.5M = 300M^2$					
Bamboo for $1M^2$ chain = 26M of bamboo					
⑤ supplying of 62mm to 78mm bamboo with loading unloading					
vide item (i) pile work = 1404M					
① runner = 300M					
② chain = 1800M					
Total = 3504M					
No. of bamboo of 6m long = $3504/6 = 584$					

⑥ provided & filling E/C bags

$$1 \times 20M \times \frac{0.6 + 0.9}{2} \times 1.5M = 22.50M^3$$

$$1 \times 30M \times \frac{1.25 + 1.75}{2} \times 0.5 = 112.5M^3$$

$$2 \times 80M \times \frac{1.5 + 1.75}{2} \times 1.5M = 390M^3$$

$$525M^3$$

$$\text{Qty} = \frac{525}{0.034M^3} = 15441 \text{ bags}$$

[Signature]
05.11.2020
J.E

[Signature]
05.11.2020
A.E

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