

FDR-2020-2021

Schedule XLV-Form No. 134

LOSO-T03 TO MEDNIPUR (TRACK 29)

Manihari

DIVISION

Manihari

SUB-DIVISION

MEASUREMENT BOOK

341
08/11/2020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 NO X 21.50 X		$\frac{2.70 + 3.70}{2}$			
		$\times \frac{1.00 + 0.90}{2}$			130.72 ^{m³}
1 NO X 26.20 X		$\frac{2.60 + 3.50}{2}$			
		$\times \frac{1.20 + 1.10}{2}$			31.90 ^{m³}
1 NO X 5.40 X		$\frac{2.20 + 2.50}{2}$			
		$\times \frac{1.10 + 0.95}{2}$			13.01 ^{m³}
1 NO X 10.70 X		$\frac{2.50 + 3.60}{2}$			
		$\times \frac{1.10 + 1.00}{2}$			34.29 ^{m³}
		Total			1118.05 ^{m³}
<u>Deduction</u>					
1 NO X 8.40 X		$\frac{1.00 + 0.90}{2}$			
		$\times \frac{0.80 + 0.70}{2}$			5.39 ^{m³}
2 NO X 5.50 X		$\frac{1.20 + 1.10}{2}$			
		$\times \frac{1.00 + 0.90}{2}$			12.02 ^{m³}
2 NO X 16.70 X		$\frac{1.30 + 1.20}{2}$			
		$\times \frac{1.00 + 0.90}{2}$			38.48 ^{m³}
2 NO X 6.00 X		$\frac{1.30 + 1.15}{2}$			
		$\times \frac{1.00 + 0.90}{2}$			13.97 ^{m³}
1 NO X 21.50 X		$\frac{1.00 + 0.95}{2}$			
		$\times \frac{0.70 + 0.70}{2}$			14.64 ^{m³}
1 NO X 8.65 X		$\frac{1.10 + 1.00}{2}$			
		$\times \frac{0.70 + 0.85}{2}$			7.95 ^{m³}
1 NO X 21.50 X		$\frac{1.20 + 1.10}{2}$			
		$\times \frac{0.90 + 0.80}{2}$			21.02 ^{m³}
2 NO X 3.00 30.00 X		$\frac{1.50 + 1.30}{2}$			
		$\times \frac{1.20 + 1.10}{2}$			36.60 ^{m³}
1 NO X 19.50 X		$\frac{1.20 + 1.10}{2}$			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$\times 1.00 + 0.950$			$21.86 m^2$
			Total	2	$232.54 m^2$

Item No 2 - Supplying of
empty cement bag
and labour --- E/L

Calculation of empty cement

1 NO	$\times 5.70 \times 1.80 \times 1.002$	$9.30 m^3$
2 NO	$\times 16.20 \times 2.10 \times 0.452$	$30.62 m^3$
1 NO	$\times 8.40 \times 1.40 \times 0.852$	$10.00 m^3$
2 NO	$\times 30.00 \times 2.20 \times 0.752$	$99.00 m^3$
2 NO	$\times 19.70 \times 2.30 \times 0.752$	$85.22 m^3$
1 NO	$\times 21.00 \times 2.10 \times 0.852$	$46.41 m^3$
1 NO	$\times 8.65 \times 1.90 \times 1.002$	$16.44 m^3$

$$2 NO \times 21.50 \times 1.10 \times 0.60 = 28.38 m^3$$

$$\text{Total} = 325.95 m^3$$

Item No 3 - Supplying of
Fixing 62 mm to 75 mm
dia bamboo piles in
size --- E/L

Calculation of Bamboo Piles

1 NO	5.50	$0.30 =$	$18 m^3$
2 NO	16.20	$0.85 =$	$72 m^3$
1 NO	8.40	$0.85 =$	$10 m^3$
2 NO	30.00	$0.75 =$	$80 m^3$
2 NO	19.50	$0.95 =$	$41 m^3$
1 NO	21.00	$0.85 =$	$31 m^3$
1 NO	8.65	$1.00 =$	$9 m^3$

Continuation

[illegible]

Absorption cost

Name of work - 1050-

T03 To Mendispur
(Track 29)

(Track 29)

Agency - Departmental

Year	F.D.R	Factor	(2020)
------	-------	--------	--------

Length - 10988 km

Item no 1 Providing and

laying of brick

Bolt	-	-	-	E/L
------	---	---	---	-----

$$1118.05 - (232.54 - 325.75) = 559.55$$

$@R_{g-1717.270/m^2} \text{ is } 960958.799$

Item no 2 - Supplying ob

empty	Cement		
-------	--------	--	--

bag and labour

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

325.95	0.034	2.9584
--------	-------	--------

@Rs-	32.140	/m ² Rs-	308122.399
------	--------	---------------------	------------

Continuation

