

15/05/20

Shil mandir Nema Bigha
to 1085
Schedule XI.V-Form No. 134

31/05/2020 DIVISION

31/05/2020 SUB-DIVISION

MEASUREMENT BOOK

731

31/05/2020 → Shrivardan A Sanyal Pvt Ltd

Sch. XLV - Form No. 134

~~Executive Engineer~~ DIVISION
R.W.D. - 29402

~~Assistant Engineer~~ SUB-DIVISION
R.W.D.
C/104

Measurement Book

No. 731

Name of Officer _____

Date of first entry _____

Date of last entry _____

समाप्ति विमा लागू है
 कि इस मापियुक्त में कुल 100 (एक सौ)
 पृष्ठ संकेत हैं, जिसे सहायक अधिकारी
 INDEX PAGE
 समाप्ति कार्य विभाग, कार्य 3290
 त्रिभुवन-गौरी के नाम से विभाजित
 किया जाता है

Executive Engineer
 H.W.D. Works Division
 Daudhagar (A. bad)

12/11/22

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Est on Mc Bill

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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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:	Shiv Mandir				
	Nerran Bigda to 605				
Name of Agency:	Sharwan S				
	Sunny construction				
	Pri. Utl. Aurangabad				
Agreement No:-	24 SBO / 2021-2022				
Date of Commencement	- 22/06/2021				
Date of Completion	- 21/06/2022				
Date of measurement	- 27/05/2022				

Work done details

(1)	Providing & Fixing of working benchmarks pillars				
	Qty 2 Nos.				
	Reference Pillars				
	Qty 7 Nos.				
(2)	cleaning and grubbing Road land etc do-do.				
	all comp.				
	2	12	30	3.50	= 2520 m ²
	2	14	30	3.50	= 2940 m ²
	2	19	30	3.50	= 3990 m ²
	2	10	30	3.50	= 2100 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	5	30	3.50	= 1050 m ²
	2	1	20	3.50	= 140 m ²
					1290 m ²
					= 1.07 Hec.

(3/5)

Construction of embankment with app.
- road material etc
do-do-eu Comp.

E/W Calculation as

per graph

CH	C/S Area	Mean C/S	length	Quantity
(m)	m ²	Avg m ²	m	m ³
0	0.55	-	-	-

50	0.302	0.227	50	11.425
100	0.550	0.426	50	21.300
150	0.648	0.279	50	14.950
200	1.030	0.539	50	26.950
250	0.153	0.592	50	29.575
300	0.801	0.477	50	23.850
350	0.161	0.451	50	22.550
400	0.186	0.144	50	7.175
450	0.490	0.338	50	16.900
500	0.125	0.303	50	15.375
550	0.830	0.478	50	23.875
600	0.248	0.537	50	26.950
650	0.587	0.418	50	20.875
700	1.030	0.809	50	40.425

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch c/s Area (m)	m ²	Area m ²	m		m ³
750	0.960	0.995	50		49.750
800	0.142	0.551	50		27.550
850	0.638	0.390	50		19.500
900	0.990	0.614	50		30.400
950	0.116	0.353	50		17.650
1000	0.298	0.207	50		10.350
1050	0.519	0.403	50		20.425
1100	0.920	0.720	50		35.975
1150	0.325	0.623	50		31.125
1200	1.110	0.718	50		35.875
1250	0.145	0.628	50		31.375
1300	0.370	0.258	50		12.875
1350	0.480	0.425	50		21.250
1400	1.315	0.898	50		44.875
1450	0.720	1.018	50		50.875
1500	0.265	0.493	50		24.625
1550	0.835	0.550	50		27.500
1600	0.275	0.555	50		27.750
1650	0.900	0.588	50		29.375
1700	1.085	0.993	50		49.625
1750	0.481	0.783	50		39.150
1800	0.590	0.536	50		26.775
1820	0.335	0.463	20		9.250
				E/W =	976.37 m ³
				lead up to 100 m	
				976.37 m ³ x 60.51% =	590.80 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{4}{6}$)	Lead up to 100m				
	$976.37 \text{ m}^3 \times 37.47\%$				
	$= 365.57 \text{ m}^3$				
($\frac{5}{7}$)	Construction of Sub-				
	-grade and earthwork				
	Shoulder etc do-do-				
	all Comp. sub.				
	$15 \times 30 \times \frac{6.82 + 7.72}{2} \times 0.30 = 931.45$				
	2				
	$12 \times 30 \times \frac{6.82 + 7.72}{2} \times 0.30 = 785.46$				
	2				
	$9 \times 30 \times \frac{6.82 + 7.72}{2} \times 0.30 = 588.5$				
	2				
	$5 \times 30 \times \frac{6.82 + 7.72}{2} \times 0.30 = 327.1$				
	2				
	$1 \times 20 \times \frac{6.82 + 7.72}{2} \times 0.30 = 43.6$				
	2				
	2726.25				
	Lead up to 100m				
	$2726.25 \text{ m}^3 \times 30\%$				
	$= 817.88 \text{ m}^3$				
($\frac{6}{8}$)	Lead up to 100m				
	$2726.25 \text{ m}^3 \times 70\%$				
	$= 1908.37 \text{ m}^3$				
	Hume Pipe culvert				
	1 x 600mm dia = 4 Nos.				
($\frac{7}{24}$)	Earthwork in exca-				
	-vation etc do-do-all				

Continuation

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Fixing of working benchmark					
2 Nos (vide TMBP-1)					
@ Rs 3513 = 03					Rs 7026 = 06
Reference Pillars					
7 Nos (vide TMBP-1)					
@ Rs 1598 = 25					Rs 11187 = 75
(2) clearing and grubbing Road land etc do-do-all comp.					
1.27 Hec (vide TMBP-2)					
@ Rs 52970 = 33					Rs 67272 = 3
(3) Construction of embankment with approved material etc do-do-all comp. lead up to 100m					
590.80 m ³ (vide TMBP-3)					
@ Rs 143 = 20					Rs 84602 = 51
(4) Lead up to 100m					
385.57 m ³ (vide TMBP-4)					
@ Rs 190 = 36					Rs 73397 = 10
(5) Construction of Subgrade and earthen shoulders etc do-do-all comp. lead up to 100m					
					Rs 243485 = 78

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
817.88 m ³ (vide TMBP-4)					
@ Rs	172=04				Rs 157065=64
($\frac{6}{3}$) lead up to 100m					
1908.37 m ³ (vide TMBP-4)					
@ Rs	131=20				Rs 250378=14
($\frac{7}{14}$) Earthwork in excav-					
-ation etc do do all					
comp.					
62.64 m ³ (vide TMBP-5)					
@ Rs	279=09				Rs 17482=19
($\frac{8}{25}$) Providing concrete for					
plain reinforced etc					
do do all comp.					
11.38 m ³ (vide TMBP-5)					
@ Rs	4189=39				Rs 47675=25
($\frac{9}{18}$) Providing and laying					
Rce pipe NP ₃ for culvert					
etc do do all comp.					
30 RM (vide TMBP-5)					
@ Rs	2003=77				Rs 60113=10
($\frac{10}{26}$) Plain reinforced ce-					
-ment concrete in sub.					
-structure etc do do all					
comp.					
60.66 m ³ (vide TMBP-5)					
@ Rs	4909=31				Rs 297799=74
					Rs 10,73,999=4

Continuation

[illegible]