

SH 78-4515 2 02/12/1956

Schedule XLV From No. 134.

BIHAR P. W.D.

1005-3011-1000

99
2/11/11

DIVISION

2/2/11/11

SUB-DIVISION

MEASUREMENT BOOK

1116

प्रमाणित किया जाता है कि इस
कापी पुस्तक में दर्शाए गए कुल
100 एकड़ों का क्षेत्र जो नवागढ़
जी.एम.सी. द्वारा उपर्युक्त नूतनीकरण
के तहत निर्धारित किया जाता है

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, हरनौत

10.2.14

Sch. XLV-Form No. 134

91 DIVISION
हरनौत SUB-DIVISION
नूतनीकरण

Measurement Book

No. 1116

Name of officer _____

Date of first entry _____

Date of last entry _____



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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st on A/C Bill					
Name of Road - Construction of Road					
From S H 78 - charui To Bans					
hopalpur					
Agency - Narendra Kumar Mirala					
Moorspur, hanpura					
Moorsarai, Nalanda					
Agr. Valuation -				/SBD/2022-23	
accepted Rate -				0.01% Below	

Date of Commencement - 20/07/2023
 Date of Completion - 19/07/2024
 Date of Entry - 13/6/2024

MEASUREMENT				
① Setting out Pillars				
.....				
(i) Benchmarks Pillars				
	3.00 Nos.			3.00 Nos.
(ii) Reference Pillars				
	11.00 Nos.			11.00 Nos.
② Clearing & grubbing Road Land				
.....				
2x 12x 30.00x 3.50				2520.00 m ²
2x 12x 20.00x 3.50				1520.00 m ²
2x 12x 30.00x 3.50				2520.00 m ²
Continuation				7560.00 m ²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					7560.00 m ²
2X 12X			30.00X	3.50	2520.00 m ²
2X 12X			30.00X	3.50	2520.00 m ²
2X 12X			30.00X	3.50	2520.00 m ²
2X 12X			30.00X	3.50	2520.00 m ²
2X 12X			30.00X	3.50	2520.00 m ²
2X 3X			30.00X	3.50	630.00 m ²
2X 1X			15.00X	3.50	105.00 m ²
					20895.00 m ²
Say - 20895 m ²					
③ Cutting of trees including cutting of trunks					
Width 300mm to 600mm					
6500 Nos.					65.00 Nos.

(ii) Width 600mm to 900mm					
			18.00 Nos.		18.00 Nos.
(iii) Width 900mm to 1800mm					
			13.00 Nos.		13.00 Nos.

④ Construction of Embankment

Ch.	Area	Mean area	Dis.	Volume
0	2.652			
50	2.677	2.665	50.00	133.225 m ³
100	2.676	2.677	50.00	133.825 m ³
150	2.694	2.685	50.00	134.250 m ³
200	2.670	2.682	50.00	134.100 m ³
250	2.239	2.455	50.00	122.725 m ³
300	2.170	2.205	50.00	110.225 m ³
350	2.201	2.236	50.00	111.775 m ³
400	2.105	2.203	50.00	110.150 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area.
	No.	L.	B.	D.	
Ch.	Area	Area	Area	Dis.	Volume
450		2.280	2.193	50.00	104.6254 ³
500		2.241	2.261	50.00	113.0254 ³
550		2.129	2.185	50.00	109.2504 ³
600		2.813	2.491	50.00	123.5504 ³
650		2.590	2.702	50.00	135.6354 ³
700		2.605	2.598	50.00	129.8754 ³
750		2.873	2.739	50.00	136.9504 ³
800		2.626	2.750	50.00	137.4754 ³
850		2.677	2.652	50.00	132.5754 ³
900		2.670	2.671	50.00	133.6754 ³
9500		2.629	2.650	50.00	132.4754 ³
1000		2.852	2.741	50.00	137.0254 ³
1050		2.693	2.773	50.00	138.6254 ³

1100		2.500	2.597	50.00	129.8754 ³
1150		2.948	2.724	50.00	136.2004 ³
1200		2.628	2.788	50.00	129.4004 ³
1250		2.630	2.629	50.00	131.4504 ³
1300		2.713	2.632	50.00	133.4504 ³
1350		2.666	2.690	50.00	134.4754 ³
1400		2.708	2.687	50.00	134.3504 ³
1450		2.778	2.743	50.00	137.1504 ³
1500		2.505	2.642	50.00	132.0754 ³
1550		2.965	2.735	50.00	136.3504 ³
1600		2.605	2.785	50.00	139.2504 ³
1650		2.652	2.629	50.00	131.4254 ³
1700		2.718	2.685	50.00	134.2504 ³
1750		2.660	2.659	50.00	132.9504 ³
1800		2.810	2.705	50.00	135.2504 ³
1850		2.856	2.833	50.00	141.6504 ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch.		Mean	Mean area	Dis.	Volume
1900		2.449	2.653	50.00	132.625m ³
1950		2.934	2.692	50.00	134.535m ³
2000		2.646	2.790	50.00	139.500m ³
2050		2.684	2.665	50.00	133.250m ³
2100		2.826	2.755	50.00	137.750m ³
2150		2.502	2.664	50.00	133.200m ³
2200		2.878	2.690	50.00	134.500m ³
2250		2.793	2.838	50.00	141.875m ³
2300		1.782	2.275	50.00	113.725m ³
2350		2.123	1.938	50.00	96.875m ³
2400		1.915	2.019	50.00	100.950m ³
2450		1.987	1.951	50.00	97.550m ³
2500		1.906	1.943	50.00	97.325m ³

2550		1.766	1.846	50.00	92.300m ³
2600		2.141	1.964	50.00	98.175m ³
2650		1.956	2.049	50.00	102.425m ³
2700		1.783	1.830	50.00	93.475m ³
2750		2.140	1.962	50.00	98.075m ³
2800		2.514	2.323	50.00	116.350m ³
2850		2.550	2.532	50.00	126.600m ³
2900		2.502	2.526	50.00	126.300m ³
2950		2.464	2.483	50.00	124.150m ³
2985		2.338	2.421	35.00	84.735m ³
		Total Qty			7475.785m ³
		For 100m load			7475.785m ³

⑤ Pfr & Axly Typical Sign Board

2.00 Nos.					2.00 Nos.
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Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Construction of G.S.B. 402					
20	20			42	
10 x 30.00 x $\frac{7.726 + 6.826}{2}$ x 0.30					654.84 m ³
10 x 30.00 x $\frac{6.826 + 7.726}{2}$ x 0.30					654.84 m ³
10 x 30.00 x $\frac{6.726 + 6.826}{2}$ x 0.30					654.84 m ³
10 x 30.00 x $\frac{6.826 + 7.726}{2}$ x 0.30					654.84 m ³
10 x 30.00 x $\frac{7.726 + 6.826}{2}$ x 0.30					654.84 m ³
					3274.20 m ³
⑦ Construction of G.S.B. 402					
20	20			42	
10 x 30.00 x 4.05 x 0.20					243.00 m ³
10 x 30.00 x 4.05 x 0.20					243.00 m ³

10 x 30.00 x 4.05 x 0.20	243.00 m ³
10 x 30.00 x 4.05 x 0.20	243.00 m ³
6 x 30.00 x 4.05 x 0.20	145.80 m ³
	1177.80 m ³
	13614
	5.0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① Setting out Pillars					
..... 20	20				Rs 12
i) Bench mark Pillars					
9.00 Hg	VTMBP-01				
	20/507298/Ho				Rs 15219200
ii) Reference Pillars					
11.00 Ho	VTMBP-01				
	20/5232313/Ho				Rs 25554200
② Clearing & grubbing Local land					
..... 20	20				Rs 12
2.0895 Hg	VTMBP-01				
	20/52269786/Hg				Rs 151902200

⑬ Cutting of Trees including cutting		
-----20-----	-----20-----	-----E12
(i) Girth above 300mm to 600mm		
65.00 No	VTMBP-02	
	@ Rs 345.76/No	Rs 22474.200
(ii) Girth 600mm to 900mm		
18.00 No	VTMBP-02	
	@ Rs 606.08/No	Rs 10910.200
(iii) Girth 900mm to 1800mm		
13.00 No	VTMBP-02	
	@ Rs 1127.57/No	Rs 14658.200
⑭ Construction of Subbankment 100m		
-----20-----	-----20-----	-----E11
777.57854 ²	VTMBP-02	
	@ Rs 175.01/m ²	Rs 1308337.200
		Rs 1549054.200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P. —————					1549054.200
⑤ Construction of Sub Grade					
-----20-----20-----E.L.					
3274.204 ³ VTHBP-05					
@ 2245.11/m ³					15
@ 262.06/m ³					15 858037.000
⑥ Construction of 4.5.B. hr 2					
-----20-----20-----E.L.					
117.804 ³ VTHBP-05					
@ 2445.11/m ³					15 2733144.200
⑦ Fixing '100' of Project					
-----20-----20-----E.L.					
2.00000 VTHBP-04					
@ 1170.91/10					15 22342.200

[illegible]

Continuation