

100 mandon cord.

PASA PUL LASGARICHAK UTTAR
TOLA (M.M. 6.5.4 NDB)

Measurement Book

Schedule XLV-Form No. 134

E.F. R.W.D WORKS DIVISION DIVISION PATNA

FATUHA SUB-DIVISION

7706

M.B NO — ~~17698~~



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/L	Bill		
Name of work: - Construction & five years					
Maintenance of Road from					
P252 Pkt to Lasparichak					
Khar Toka under M.M. 654					
N.D.B. BRRP-693					
Agency: - Lalmandan Construction, Prop.					
Krishnakant Singh, Vill.					
M. S. M. A. P. O. - Kaitihisoi, P.S.					
Grah, Distt Aurangabad Bihar					
Agreement No: 05/500/24-25					
Rate Approved - 0.14% below					
Date of Commencement - 19/7/2024					
Date of Completion - 18/4/2025					
Date of measurement - 25/01/2025.					
Work - done					
Item ① Setting out - Construc-					
- tion of bench mark					
Reference pillars					
--- do --- do --- etc.					
Qty = 1.170 km.					

Continuation

PTO



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ② Clearing & grubbing road land - do - etc.					
	2	10	30.00	3.00	1800.00 m ²
	2	10	30.00	3.00	1800.00 "
	2	10	30.00	3.00	1800.00 "
	2	9	30.00	3.00	1620.00 "
					7020.00 m ²
∴ Hect = 7020.00 m ² / 10000 = 0.70 Hect					

Item ③ Construction of embankment with approved material obtained from borrow pits - do - etc.					
Earth work calculation is given below as per chart					
Sl No	CH	Area	Mean Area	Distance	Volume
	(m)	(m ²)	(m ²)	(m)	(m ³)
1.	0	0.894	-	-	-
2.	50	0.807	0.851	50	42.525 m ³
3.	100	0.702	0.755	50	37.725 "
4.	150	0.678	0.690	50	34.500 "
5.	200	0.635	0.657	50	32.825 "

Continuation

P.T.D.



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ③ Contd (E/W chsst)					
S/No	CH	Area	mean Area	Distn - to	Volume
	(M)	(m ²)	(m ²)	(m)	(m ³)
6	250	0.653	0.644	50	32.200 m ³
7	300	0.599	0.626	50	31.300 "
8	350	0.677	0.638	50	31.900 "
9	400	0.516	0.597	50	29.825 "
10	450	0.643	0.580	50	28.975 "
11	500	0.609	0.626	50	31.300 "
12	550	0.479	0.544	50	27.200 "
13	600	0.577	0.528	50	26.400 "
14	650	0.435	0.506	50	25.300 "
15	700	0.459	0.447	50	22.350 "
16	750	0.611	0.595	50	26.750 "
17	800	0.454	0.533	50	26.625 "
18	850	0.500	0.477	50	23.850 "
19	900	0.488	0.474	50	24.700 "
20	950	0.446	0.467	50	23.350 "
21	1000	0.603	0.595	50	26.225 "
22	1050	0.495	0.549	50	27.450 "
23	1100	0.404	0.450	50	22.475 "
24	1150	0.890	0.647	50	32.350 "
25	1170	0.746	0.818	20	16.360 "
26	—	PART-2			684.460 m ³
27	—	Total Qty			684.460 m ³

Continuation

P.T.O.

Continuation

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
240m ³ Prov. laying & spreading & Compacting Stone off regards 41800 cft. Stone to WBM Gr. 10 - do - do					
$1 \times 30.00 \times 6.00 \times 3.75 \times 0.075 =$					10.96 m ³
$8 \times 30.00 \times 3.75 \times 0.075 =$					67.50 "
$1 \times 30.00 \times 3.75 \times 4.50 \times 0.075 =$					9.28 "
$1 \times 30.00 \times 4.50 \times 3.75 \times 0.075 =$					9.28 "
$4 \times 30.00 \times 3.75 \times 0.075 =$					33.75 "
$1 \times 20.00 \times 3.75 \times 0.075 =$					5.63 "
$1 \times 30.00 \times 3.75 \times 4.50 \times 0.075 =$					9.28 "
$1 \times 30.00 \times 4.50 \times 3.75 \times 0.075 =$					9.28 "
$8 \times 30.00 \times 3.75 \times 0.075 =$					67.50 "
$1 \times 30.00 \times 3.75 \times 4.50 \times 0.075 =$					9.28 "
$1 \times 30.00 \times 4.50 \times 3.75 \times 0.075 =$					9.28 "
$1 \times 30.00 \times 3.75 \times 0.075 =$					8.44 "
$1 \times 10.00 \times 3.75 \times 0.075 =$					2.81 "
$1 \times 30.00 \times 3.75 \times 4.50 \times 0.075 =$					9.28 "
$1 \times 20.00 \times 4.50 \times 3.75 \times 0.075 =$					9.28 "
$2 \times 30.00 \times 3.75 \times 0.075 =$					16.88 "
$1 \times 30.00 \times 3.75 \times 4.25 \times 0.075 =$					9.00 "
$1 \times 30.00 \times 4.25 \times 3.75 \times 0.075 =$					9.00 "
$4 \times 30.00 \times 3.75 \times 0.075 =$					33.75 "
					339.46 m ³
					Limit of 339.16 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Selgmosage		- 10%	
(I) Earth - 3322.81 m ³					
10% of 3322.81 = 332.281 m ³				- Rs	11,713-00
(II) GSA Cr.S - 971.34 m ³					
10% of 971.34 = 97.134 m ³				- Rs	3585-00
(III) WBM Gr.IV - 339.16 m ³					
10% of 339.16 = 33.916 m ³				- Rs	4864-00
					1
				T: Rs.	1,33,942-00
		Jamph			
		25/01/2025			
		J.E.			

ABSTRACT OF COST

- (1) Construction & bench
mark & reference pillar
--- do --- do --- do etc.

1.170 km vide T.M.P.-①

Rs 17809-00/km — Rs 20837-00

- (2) Clearing & grubbing
road land -- do etc.

0.70 Hect. vide T.M.P.-②

Rs 20,291-53/Hect — Rs 14204-00

Rs 35041-00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Bfbs 35041=00
(3) Construction of embankment with approved material obtained from borrow pits --- do --- do --- etc.					
Lead up to 100.00 m					
547.568 m ³ vide Tm 12 P. (4)					
elx 217=22/m ³ —					Rs 1,18,943=00
Lead up to 1000.00 m					
136.892 m ³ vide Tm 12 P. (4)					
elx 267=28/m ³ —					Rs 36,671=00
(4) Construction of sub-grade & earthen shoulder do --- etc.					
2638.35 m ³ vide Tm 12 P. (4)					
elx 324=92/m ³ —					Rs 8,57,253=00
(5) Construction of C.S.B. Gr.I by Prov. Loose graded material do --- etc.					
971.34 m ³ vide Tm 12 P. (5)					
elx 3076=54/m ³ —					Rs 29,88,366=00
(6) Prov. Laying, spreading & compacting stone aggregate of specific sizes to W.B.M. Gr. III --- do --- etc.					
339.16 m ³ vide Tm 12 P. (6)					
elx 4408=02/m ³ —					Rs 14,95,024=00
					40 Rs 55,31,298=00

Continuation

Continuation