

Name of road:- Near R.C. culvert in Itara Lalbag
road to Agarbanbigla
(MMSY, Audhakar, NDB)

Schedule XLV-Form No. 134

10/5BD/23.24

M/S Ambay Construction DIVISION

रविंद्र प्रमाणिक SUB-DIVISION

Measurement Book

1344

(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: -	Near R. a culvert				
	in Harla Lalbagh road to Agarsenbigha				
	CL = 0.500m. (mm 434, Awshesh)				(NDG)
Agg. No: -	10-SBD/2023-24				
Name of Contractor -	M/S Ambay Construction				
Package No -	NDG-BRRP2-25 Masvahi				
Date of start -	15/12/2023				
Intended date of completion -	14/12/2024				
Accepted rate -	0.11 % below				

Agreement value -	₹ 3,58,95,337.20			
of package				
Agreement value	48.825 %			
of this road - Constn =	₹ 81,786.00			
	Maintn = ₹ 4,115.00			

Record Measurement

① Setting out work - Constn of
Bench Mark & reference
pillars

0.500 Km

② clearing & grubbing
road land.

$$2 \times 500 \text{ m} \times 3.00 = 3000 \text{ m}^2$$

$$= 0.300 \text{ Hect}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
③ Control subgrade					
do. all comp.					
Chainage	Area	Mean	Dia.		Volume
(m)	(m ²)	(m ²)	(m)		(m ³)
0	2.866	-	-	-	-
50	2.434	2.605	50	-	130.275
100	2.806	2.575	50	-	128.725
150	2.820	2.813	50	-	140.650
200	2.778	2.799	50	-	139.950
250	2.819	2.799	50	-	139.925
300	2.382	2.601	50	-	130.025
350	2.895	2.639	50	-	131.525
400	2.763	2.829	50	-	141.450
450	2.948	2.856	50	-	142.775
					1225.650
					m ³

④ 100m lead
80% of 1225.650 = 980.52 m³

⑤ 1000m lead
20% of 1225.650 = 245.13 m³

~~2011/12/24~~

2011/12/24
AE/SE

~~2011/12/24~~
2011/12/23
AE

④ Control of subgrade
Flexible pavement

	6	30.50	7.70	0.300	415.80 m ³
	3	30.00	7.70	0.300	207.900
	1	28.00	7.70	0.300	64.68
					688.38 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					688.38 m ³
Rt. & para. mnt. post. mnt.					
	6	30.00	6.100	0.300	329.40 m ³
	1	20.00	6.10	0.300	36.60 m ³
					1054.38 m ³
	ic	1054.38 m ³			
	30/12/2023				30/12/23
	AESE				AE
⑤ Elw in excavation for foundation of structure.					
	4	6.00	0.600	1.00	14.40 m ³
					12.00 m ³
	ic	12.00 m ³			
		14.40 m ³			
⑥ Plv Type B' bedding for pipe					
	4 x 10.00 x 0.60 x 0.25				6.00 m ³
	ic	6.00 m ³			
⑦ Plv laying of 3 HP 300 mm dia					
	4 x 10.00				40.00 m
⑧ Consist of 45 B Gr-I					
B.T. post. mnt.	4	30.00	4.05	0.200	97.20 m ³
	4	30.00	4.05	0.200	97.20 m ³
	1	30.00	4.05	0.200	24.30 m ³
	1	28.00	4.05	0.200	22.68 m ³
					241.38 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					241.38 m ³
P. correction	6	30.00	375	0.1 m	67.50
					308.88 m ³
					ie 308.88 m ³

~~only~~

12/01/2024

AE/SE

~~only~~

12/01/2024

AE

④ Control of earthen shoulder

2 x 9 x 30.00 x 1.325 x 0.200	2	143.10 m ³
2 x 1 x 28.00 x 1.325 x 0.200		14.84 m ³
		157.94 m ³
		ie 157.94 m ³

~~only~~

14/01/2024

AE/SE

~~only~~

14/01/2024

AE

ABSTRACT OF COST

① Setting out work with control of Bench Mark & reference pillars

Qty vide TMB P/1 item ①

0.500 KM @ 8854.00/KM = 8854.00

② clearing grass & removal of rubbish

Qty vide TMB P/1 item ②

0.300 Hect @ 19930.80/Ha = 5979.24

③ Control embankment with load upto 150 m

Qty vide TMB P/2 item ③

980.52 m³ @ 217.07/m³ = 212841.24

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13 227.674
(4) Constn of embankment do upto 1500m lead					
Qty vol TMB P/2 item (3) (6)					
245.13 m ³					
245.13			267.73	3	65643
(5) Constn of subgrade & formation Shoulder					
Qty vol TMB P/3 item (4) = 105438 m ³					
" " " P/4 item (5) = 157541					
				1212.32	
				m ³	
				438.03	3
					531033
(6) Constn of G.S.B. & T					
Qty vol TMB P/4 item (8)					
308.88 m ³					
308.88			2706.14	3	835860
(7) Excavating for foundation					
Qty vol TMB P/3 item (5)					
14.40 m ³					
14.40			398.62	3	5740
(8) Laying Type B' Bally					
Qty vol TMB P/3 item (8)					
6.00 m ³					
6.00			57525	3	34522
(9) Placing & laying SP3 12P					
300 mm deep					
Qty vol TMB P/3 item (7)					
40.00 m					
40.00			947.13	m	378852

Continuation

1707287

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1707287 ²
Labour cost 1 %					17073 ²
GST 12 %					307312 ²
					2031672 ²
<u>Surcharging Fee</u>					
Item (3)	980.52	35.25	0.10		3456 ²
Item (4)	245.13	35.25	0.10		864 ²
Item (5)	1212.32	68.10	0.10		8256 ²
Item (6)	308.88	870.25	0.10		26880 ²
					2071128 ²
Less 0.11 % for below					2278 ²
					2068850 ²
<u>14/11/2024</u> AE/SE <u>14/01/24</u> AE					

14/11/2024

14/01/24