

427 27777-1027 27 2018/ 2552 20777
Schedule XLV-Form No. 134

27777 27777-27777 27777

27777 27777

(27777)

DIVISION

27777

SUB-DIVISION

MEASUREMENT BOOK

27777-1356

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12 x 3.75 x 0.075		0.075		6.48	3.375
2 x 15 x 4.20 x 0.075		0.075		20.16	9.45
2 x 4.40 x 0.075		0.075		1.40	0.66
				85.72 m ²	
for B.T. portion					
2 x 30 x 3.75 x 0.075				16.875	
17 x 3.75 x 0.075				4.30	
				52.31 m ²	
3) p/v of parent m/c					
3 x 15 x 3.75 x 0.160				27.00	
15 x 4.45 x 0.160				10.68	

12 x 3.75 x 0.160	—	6.48
2 x 15 x 4.20 x 0.160	—	20.16
2 x 4.40 x 0.160	—	1.40
		65.72 m ²
4) p/v prime coat (SS)		
10 x 30 x 3.75	—	1125.00
12 x 30 x 3.75	—	1350.00
20 x 30 x 3.75	—	2250.00
17 x 3.75	—	63.75
		4788.75 m ²

5) p/v tack coat (KS)

Same of quantity given in (2)

Continuation

Page No (19) of this m/s

Ans - 4788.75 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) PIV mix Seal Surface of					
Same as quantity item NO (7)					
Refer (19) of this MB					
					at - 4788.75 m ²
$\frac{1513124}{1513124}$					
2) PIV Kalamires Stone					
(i) 1 Km Stone				2 NO	
(ii) 200m Stone				6 NO	
3) PIV Regro-reflectorised Sign					
(i) 600mm 				12 NO	
(ii) 600x250 				4 NO	

9) PIV Road Marking B.T Portion				
2x10x30x0.100 —				60.00
2x12x30x0.100 —				72.00
2x20x30x0.100 —				120.00
2x12x0.100 —				3.400
				255.4042

10) PIV Road Marking C Portion				
2x3x30x0.100 —				18.00
2x1x14x0.100 —				2.80
				20.80 m ²

11) PIV MMSY Base				
at —				5 NO

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

12) Painting parapet.

$$2 \times 6.150 \times 0.400 = 4.920$$

$$4 \times 6.150 \times 0.600 = 14.760$$

$$4 \times 0.400 \times 0.600 = 0.960$$

$$20.640$$

$$\text{For 3ND} \rightarrow 61.92 \text{ m}^2$$

13) Cost of Subgrade preparation
embankment

Shoulder, B.T

$$2 \times 10 \times 30 \times 1.675 \times 0.275 = 276.37$$

$$2 \times 12 \times 30 \times 1.675 \times 0.275 = 331.65$$

$$2 \times 20 \times 30 \times 1.675 \times 0.275 = 552.75$$

$$2 \times 17 \times 1.675 \times 0.275 = 15.81$$

CC Path.

$$2 \times 30 \times 1.675 \times 0.335 = 36.07$$

$$1212.5 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12-For 1000 mm					
2011 of 1232					
15) Determination of Embankment with					
Material obtained from Borrow pit					
SxO	Q ₁ mm	Q ₂ mm ²	mean mm ²	Pit mm ²	Volume
1	0	2.905	—	—	—
2	50	3.801	3.353	50	167.650
3	100	4.518	4.160	50	208.000
4	150	4.347	4.432	50	221.600
5	200	4.199	4.273	50	213.650
6	250	4.509	4.354	50	217.700
7	300	3.747	4.128	50	206.400
8	350	3.492	3.622	50	181.100

9	400	4.053	3.715	50	188.750
10	450	3.515	3.784	50	189.200
11	500	4.606	4.061	50	203.050
12	550	3.673	4.140	50	207.000
13	600	4.777	4.225	50	211.250
14	650	5.127	4.952	50	247.600
15	700	3.715	4.451	50	222.550
16	750	3.638	3.704	50	185.200
17	800	3.558	3.596	50	179.800
18	850	4.442	4.000	50	200.000
19	900	3.611	4.026	50	201.300
20	950	3.476	3.543	50	177.150
21	1000	3.857	3.666	50	183.300
22	1050	4.103	3.980	50	199.000

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
23	1100	4.648	4.376	50	218.800
24	1150	4.712	4.680	50	234.000
25	1200	4.878	4.805	50	240.250
26	1250	4.194	4.546	50	227.300
27	1300	3.467	3.830	50	191.500
28	1350	3.517	3.442	50	174.600
29	1381	4.331	3.424	50	121.644
					5619.644
Deduct — G.S. for 1 + W.B. for 3					
+ C.C. pavement + Subgrade.					
5619.644 - 2731.04					
⇒ 2888.604 m ³					

(i) For 1000 m lead

$$\frac{20\% \text{ of } 2888.604 \times 20}{100} \rightarrow 577.724$$

(ii) For 100 m lead

$$\frac{80\% \text{ of } 2888.604 \times 80}{100} \rightarrow 2310.88 \text{ m}^3$$

20/3124
J-E

20/3124
H-B

Continuation

For an A/C Bill

Abstract of Cost
25

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Sorting out pilled					
exp- $\frac{1}{16}$ - 11.40					
Cost @ Rs 2490 = 97/140 — as 27401 = 00					
2) Chasing & grinding					
exp- $\frac{2}{16}$ - 0.49455 Hour					
Cost @ Rs 49496 = 70/Hour — as 27478 = 00					
3) E/W in excavation					
exp- $\frac{3}{16}$ - 89.40 m ³					
Cost @ Rs 260 = 59/m ³ — as 23297 = 00					
4) Cost @ Rs p/v p/c mix in foot					
exp- $\frac{4}{16}$ - 18.80 m ³					
Cost @ Rs 6151 = 58/m ³ — as 84892 = 00					

5) p/v p/c m 20 in Sub ⁿ					
exp- $\frac{5}{16}$ - 92.373 m ³					
Cost @ Rs 7024 = 65/m ³ — as 628888 = 00					
6) p/v Rcc NP3 pipe					
exp- $\frac{6}{16}$ - 22.50 m ³					
Cost @ Rs 3948 = 07/m ³ — as 88832 = 00					
7) p/v GSB Gr 2					
exp- $\frac{8}{16}$ - 971.50 m ³					
exp- $\frac{1}{18}$ - 91.52 m ³					
1063.02 m ³					
Cost @ Rs 3252 = 58/m ³ — as 3457558 = 00					
8) p/v M3m Gr 3					
exp- $\frac{9}{17}$ - 337.48 m ³					
exp- $\frac{2}{18}$ - $\frac{52.31 m^3}{289.79 m^3}$					
Continuation					
Cost @ Rs 4028 = 030/m ³ — as 1570086 = 00					

Rs 5925432

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9) P.V.C. Pavement m ³					5925432
amp - 3/19 - 65.72 m ³					
Cost @ Rs 7714 = 671 m ³					507008=00
10) P.V. Prime Coat SS,					
amp - 4/19 - 4788.75 m ²					
Cost @ Rs 41 = 56/m ²					199020=00
11) P.V. Thick Coat RS,					
amp - 5/19 - 4788.75 m ²					
Cost @ Rs 14 = 091 m ²					67473200
12) P.V. Mix Seal Surfacing					
amp - 6/19 - 4788.75 m ²					
Cost @ Rs 209234/m ²					1002477=00

13) P.V. Kilometer Stone					
amp - 7/20 (i) 1 Km stone - 2 NO					
Cost @ Rs 2449 = 10/NO					4898=00
(ii) 200 m Stone - 6 NO					
Cost @ Rs 643 = 00/NO					3858=00
14) P.V. Traffic Sign					
amp - 8/20 (i) 600 mm  - 12 NO					
Cost @ Rs 3311 = 28/NO					39741=00
(ii) 600 mm x 450 mm  - 4 NO					
Cost @ Rs 4323 = 38/NO					17294=00
15) P.V. Road Marking					
amp - 9/20 - 255.40 m ²					
Cost @ Rs 735 = 40/m ²					187821=00

Continuation

2029590
C.O.B. 795502220

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16) p/v Road marking					
amp - $\frac{10}{20}$ - 20.80 m ²					
Cost @ Rs 820 = 58/m ²					Rs 17068 = 00
17) p/v masonry Borehole					
amp - $\frac{1}{20}$ - 5 No					
Cost @ Rs 10808.85/m ²					Rs 54034 = 00
18) painting parapet					
amp - $\frac{12}{21}$ - 61.92 m ²					
Cost @ Rs 95 = 64/m ²					Rs 5922 = 00
19) Cost of embankment					
amp - $\frac{15}{23}$ (i) 1000 m ³ - 577.72 m ³					
Cost @ Rs 175 = 111/m ³					101165 = 00

(i) For 100 m 1-0 - 2310.98					
Cost @ Rs 139 = 90/m ³					Rs 323292 = 00
20) p/v Subgrade					
amp - $\frac{13}{24}$ - 1212.5 m ³					
Cost @ Rs 176 = 75/m ³					Rs 212309 = 00
					Rs 8670812 = 00
					Rs 11570812 = 00
					1040497 = 00
Add GST 12% (✓) Rs					1388497 = 00
L. Cost 1% (✓) Rs					115708 = 00
					867081 = 00
					10578390
					12015017 = 00
Less 15% I.T.V. Below					1604742 = 00
					1983480 = 00
					8973648 = 00
Less provision 10% (✓) Rs					11091537 = 00
					5414514 = 00
					Rs 5677023 = 00
					Rs 3559134 = 00

Continuation

20/3/24
S-E20.3.24
AB