

1st and final bill

[illegible]

Land — do

$$2 \times 1750 \times 1.0 = 3500 \text{ m}^2$$

$$= \frac{3500}{10000} = 0.35 \text{ hect}$$

$\therefore \text{ent } 2 \mid 0.350 \text{ hex}$

in soil	—	da	—
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$$2 \times 450 \times 0.375 \times 0.275 = 92.81 \text{ N}$$

shoulders — do —

$$2 \times 1750 \times 1.0 \times 0.4 = 1400 \text{ m}^3$$

4

$$2 \times 450 \times 0.375 \times 0.10 = 33.750$$

$$40 \times 25 \times 3.75 \times 0.10 = 375.00 \text{ mm}$$

Total 408.75 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ WBM grade III					
Providing, laying, spreading and compacting stone aggregates	do				
	56	25	3.75	0.075	$= 393.750$
	2	350	0.375	0.075	$= 19.688$
	7	30	0.25	0.075	$= 3.938$
			Total		417.376

⑥ Prime coat					
Providing and applying primer coat with (SS-1)	do				
	52	25	3.75		$= 4875 m^2$
	7	30	0.25		$= 52.50 m^2$
			Total		4927.50 m ²
			Limit to		4923.750 m ²

⑦ Providing, laying and rolling of close-graded premix surface (MSS)	do				
	52	25	3.75		$= 4875 m^2$
	7	30	0.25		$= 52.50 m^2$
			Total		4927.50 m ²
			Limit to		4923.750 m ²

⑧ Tack coat for MSS					
Providing and applying tack coat with (RS-1)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Area used for tack-coat is same as area used in prime coat					
P- (2) item- (6)					
= 4923.750 m ²					
					∴ ant = 4923.750 m ²
7) Tack coat for SDBC					
Providing & applying					
tack coat with (RS-1)					
do					
Area used for tack-coat is same as					
area used in MSS					
Page- (2) item- (7)					
= 4923.750 m ²					
					∴ ant = 4923.750 m ²
10) SDBC					
Providing & Laying					
semi dense bituminous					
concrete do					
52 X 25 X 3.75 X 0.025 = 121.875 m ³					
7 X 30 X 0.25 X 0.025 = 1.312 m ³					
Total					123.187 m ³
Limit to					123.094 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) const. of dry lean cement concrete sub-base — do —					
	2	20	3.0	0.160	$19.20m^3$
	2	14	25	0.375	$26.25m^3$
			Total		$45.45m^3$
			Limit to		$41.370m^3$
(12) const. of unreinforced plain cement concrete pavement — do —					
	18	25	3.75	0.10	$168.750m^3$
	3	25	0.25	0.10	$1.875m^3$
			Total		$170.625m^3$
			Limit to		$170.438m^3$
(13) Kilometer stone					
(i) km stone — ant =					3 No.
(ii) 200 m stone — ant =					7 No.
(14) Providing & fixing of road stud — do —					
				ant =	232 No.
(15) Road Delineators supplying and installation of delineators — do —					
				ant =	26 No.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Retro-reflectorised traffic sign					
(i) 600 mm equilateral triangle board					
— do —				ant =	12 No.
(ii) 600 mm circular board					
— do —				ant =	2 No.
iii) 600 mm x 450 mm rectangular board					
— do —				ant =	4 No.
(17) Planting of trees by the road side					
— do —				ant =	65 No.
(18) Road marking with hot applied Thermo-plastic compound on BT surface					
— do —					
2 x 1300 x 0.10				=	260 m ²
4 x 5.0 x 0.50 x 2				=	20 m ²
2 x 450 x 0.10				=	90 m²
				Total	280 m ²
(19) Road marking with hot applied Thermo-plastic compound on CC surface					
— do —					
2 x 450 x 0.1				=	90 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) Providing & fixing of typical masonry in formwork sign board					
do					
				ant =	3 No.
(21) Laying cement concrete pipe N.P.3 — do					
				2 x 10 = 20	ant = 20 RM
					= 20 RM
(22) Earthwork in excavation for found — do					
				2 x 3.90 x 1.150 x 1.5 =	13.455 =
				1 x 5.350 x 1.130 x 0.365 =	2.207
				Total	15.662 m ³
for 2 H.P. culvert					
				Total ant = 2 x 15.662 =	31.324
				∴ ant =	31.324 m ³
(23) Providing M15 P.C.C as levelling course in found — do					
				2 x 3.90 x 1.150 x 0.15 =	1.345
				1 x 5.311 x 1.130 x 0.250 =	1.500
for 0.250 x 0.7857 x (0.830) ² x 5.849 = 0.791					
pipe					
				Total	2.054
for 2 H.P. culvert					
				Total ant = 2 x 2.054	
					= 4.108 m ³ ∴ ant = 4.108 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Providing m-15 PCC as levelling course c/n found do					
H.W 2X	3.60	0.70	2.180	=	10.987m ³
Para bet 2X	3.60	0.40	0.60	=	1.728m ³
less for pipe	2X0.7857X(0.830) ²			X0.530 =	0.574
					<u>12.141m³</u>
for 2 H.P culvert					
Total ant =	2X12.141				
					= 24.282m ³
					∴ ant = 24.282m ³
(25) Providing and Laying RCC pipe NP-3 do					
for 2 H.P culvert	3X2.50			=	7.50m
	2X7.50			=	15m
(26) Painting two coats on new concrete surface do					ant = 15m ✓
2X3.60X0.40				=	2.880m ²
4X0.40X0.60				=	0.960m ²
2X3.60X					
				Total	3.840m ²
for 2 H.P culvert					
Total ant =	2X3.840			=	7.68m ²
					ant = 7.68m ² ✓
6/23 28/12/23 JE					
08/01/24 AE					

Continuation