

Repair of road from Lachura to Machhwa.
Schedule XLV-Form No. 134
Via Changanahat.

Cont. - Girish Kumar

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DIVISION

SUB-DIVISION

MEASUREMENT BOOK

MBD
24-25
123456789

2nd & final Bill

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Sch.XLV-Form No. 134

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(1) providing, laying, spreading & compacting stone aggregate

Wism - 48-III - de -

$$1 \times 15 \times 3.75 \times 0.075 = 4.21 \text{ m}^3$$

$$1 \times 10 \times \frac{4.24}{2} + 3.75 \times 0.075 = 3.03 \text{ m}^3$$

$$1 \times 8 \times 40 + 39 \times 0.075 = 2.31 \text{ m}^3$$

$$\frac{1 \times 26 \times 4 + 4.1 \times 0.075}{2} = 7.89 \text{ m}^3$$

$$1 \times 8 \times \frac{4.2 + 4.3}{2} \times 0.075 = 2.55 \text{ m}^3$$

$$1 \times 50 \times 3.75 \times 0.075 = 14.06 \text{ m}^3$$

$$1 \times 12 \times 2.75 + 3.9 \times 0.75 = 3.44 \text{ m}^3$$

$$1 \times 52 \times 3.75 \times 0.075 = 14.62 \text{ m}^3$$

$$1 \times 10 \times \underline{3.75 + 4} \times 0.025 = 2.90 \text{ m}^3$$

$$1 \times 10 \times \frac{4+3.9}{2} \times 0.025 = 2.96 \text{ m}^3$$

$$1 \times 10 \times \frac{3.9 + 1}{2} \times 0.025 = 2.96 \text{ m}^3$$

Continuation

Abstract of cost

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) clearing & grubbing of road land by manual means - do -					
0.376 Hae wide TMB P-1					
					@ 76926.08 / ha = 28924.00
(2) Scarifying the existing Bituminous road surface as per					
704.98 sqm wide TB P-1					
					@ 20.61 / sqm = 14530.00
(3) Construction of Subgrade & Barethen Shoulder					
841.50 m ³ wide TMB P-2					
+ 929.56 m ³ wide TMB P-20					
Total 1771.06 m ³ @ 264.72 / cum = 468835.00					
(4) construction of granular sub-base by providing - do -					
1200.26 m ³ wide TMB P-2					
					@ 2443.37 / cum = 293840.00
(5) providing, laying & compacting 5cm aggregates WBM (Gr-II)					
126.97 m ³ wide TMB P-2					
					@ 4997.90 / m ³ = 631055.00
(6) Earthwork in excavation for foundation structure - do -					
59.49 m ³ wide TMB P-3					
					@ 405.83 / m ³ = 24143.00
(7) providing m-15 pcc for levelling course in					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Foundation — do —					
9.06 m ³ vide TMB P-3					
@ 7350.55/m ³ =					66596.00
(8) plain reinforced cement concrete (m ²) in Substructure					
— do —					
75.59 m ³ vide TMB P-3					
@ 8406.31/m ³ =					635433.00
(9) providing & laying R.C.C. pipe up-4 for culverts					
— do —					
15 m vide TMB P-3					
@ 7845.02/m =					117,675.00
(10) painting two coat on New concrete surface with primer coat — do —					
26.52 m ² vide TMB P-3					
+ 36.16 m ² vide TMB P-22					
62.68 m ² @ 134.16/m ² =					8723.00
(11) providing & fixing of typical masonry information sign board —					
— do —					
2 nos vide TMB P-4					
+ 2 nos vide TMB P-21					
4 nos @ 11728.75/no =					46915.00
(12) providing, laying & Spreading & Compacting Stone aggregate					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
WBM 48-115 — do —					
253.125 m ³ wide TMB P-4					
+ 80.91 m ³ wide TMB P-11					
534.03 m ³ @ 4797.72/cum = 256126					
(13) providing & applying primer coat with Bitumen emulsion					
SS-1 — do —					
4120.50 m ² wide TMB P-13					
@ 57.39 /sqm = 408645.00					
(14) providing & applying tar coat with Bitumen emulsion					
— do —					
14241 sqm wide TMB P-15					
@ 19.71 / m ² = 280690.00					
(15) providing & laying Bituminous macadam — do —					
355.99 m ³ wide TMB P-17					
@ 11453.92 / m ³ = 4077480.00					
(16) providing & laying semi dense Bituminous concrete					
— do —					
177.82 m ³ wide TMB P-19					
@ 14232.24 / m ³ = 2530716.00					
(17) Reinforced cement concrete					
115 kilometre local stone — do —					
3 Nos km stone wide TMB P-20					
@ 3063.07 / Nos = 9189.00					

Continuation

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

8 nos 200mm steel wide TMB P-20

$$@ 840.52 / \text{nos} = 6724.16$$

(18) Repro-reflectised traffic

Sign providing and erecting
direction & place identification

— do —

1.92 m² wide TMB P-20

$$@ 15156.53 / \text{m}^2 = 29101.10$$

(19) providing a lining of repro-
reflectised sign board

— do —

600 mm equilateral triangle

8 nos wide TMB P-20

$$@ 4685.09 / \text{nos} = 37481.10$$

(ii) 4 nos of 600mm x 450mm rectangular
wide TMB P-20

$$@ 5973.65 / \text{nos} = 23895.10$$

(iii) 6 nos of 600mm circular
wide TMB P-20

$$@ 6120.59 / \text{nos} = 36724.10$$

(iv) Road strips of 10 nos
wide TMB P-21

$$@ 294.62 / \text{nos} = 2947.10$$

(v) Thermoplastic paint-

3.0 m² wide TMB P-21

$$@ 829.21 / \text{m}^2 = 2488.10$$

(20) Reinforced concrete

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
m15 boundary pillar — do —					
38 nos wide TMB p-21					
@ 805.54 / nos =					30610.00
(21) planting of trees by the road side — do —					
74 nos wide TMB p-21					
@ 1305.10 / nos =					96577.00
(22) providing & laying of wet applied thermoplastic compound — do —					
380 m ² wide TMB p-21					
@ 829.21 / m ² =					315099.00
(23) Brick masonry in cm (1:3) in parapet excluding pointing & plastering — do —					
5.28 m ³ wide TMB p-22					
@ 6498.39 / cum =					34311.00
(24) plastering with cm (1:4) on brick work — do —					
36.16 m ² wide TMB p-22					
@ 221.70 / m ² =					8017.00
1257					12,829,579.00
Add GST 18%					2,309,324.00
Add L.S 2%					128,296.00
Add S.F					166,348.00
					154,33,547.00

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