

સામગ્રી નં ૨૬ / ૨/૦૧
MMGSY SC

Schedule XLV-Form No. 134

૨૧૬૨૧ બનાવે ૪૧૫૦

DIVISION

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SUB-DIVISION

MEASUREMENT BOOK

M.B No. ૩૪૭૩

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	<u>Abstract of Cost.</u>				
①	Setting out pillars.				
	bonding & fixing ref.				
	Benchmark - do do.				
	V.P.	$\frac{30}{1}$	1 No.		
	@ Rs. 4181 = 902 each Rs. 4,182 = 00				
②	Construction of ref. pillars.				
	V.P.	$\frac{30}{2}$	5 Nos		
	@ Rs. 1922 = 525 each Rs. 9613 = 00				
③	Clearing and Grubbing				
	Red land - do do				
	V.P.	$\frac{30}{3}$	0.474 Hect		
	Limit to 0.462 Hect.				
	@ Rs. 49739 = 470/Hect. Rs. 22,980 = 00				
④	Scruffing existing				
	Surface - do do				
	V.P.	$\frac{30}{4}$	900.00 m ²		
	@ Rs. 17 = 508/m ² Rs. 15,757 = 00				
⑤	Excavation in soil etc				
	Hydraulic excavator - do do				
	V.P.	$\frac{30}{5}$	76.785 m ³		
	@ Rs. 82 = 0.15/m ³ Rs. 6,298 = 00				
⑥	Construction of				
	embankment etc material				
	obtained from borrow				
	pits - do do				

Continuation C.O. Rs. 58,830 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥	Continued.			S.F.	Rs 58,830-00
		Lead upto.	1000 M.		
	V.P.	$\frac{42}{5}$ (a)	1169.822 m ³		
		Limit to	1131.906 m ³		
		@ Rs 187 = 226/m ³			Rs 2,11,922-00
⑦	Const ⁿ of embankment				
	Extra material obtained				
	from borrow pits - do				
		lead upto	100 M		
	V.P.	$\frac{42}{5}$ (b)	2729.584 m ³		
		Limit to	2641.114 m ³		
		@ Rs. 142 = 390/m ³			Rs 376068-00
⑧	Providing G.S.B. with well				
	graded material extra				
	grading & material				
	V.P.	$\frac{31}{8}$	784.924 m ³		
		@ Rs. 2695 = 602/m ³			Rs 2,15,843-00
⑨	Providing WBM Gr-3				
	Extra Screening materials				
	V.P.	$\frac{31}{9}$	366.13 m ³		
		@ Rs. 3357 = 404/m ³			Rs 1,22,9246-00
⑩	Providing C.C.				
	Pavement M-30 d-d				
	V.P.	$\frac{31}{10}$	73.47 m ³		
		Limit to	73.44 m ³		
		@ Rs 7508 = 730/m ³			Rs 551441-00

Continuation L.O. Rs. 45,43,350-00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	Rs 45,43,350.00
(11)	Construction of Sub-grade and earthen shoulder d-d				
	V.P.	$\frac{32}{13}$	642.43 m ²		
	V.P.	$\frac{40}{4}$	276.60 m ²		
			319.03 m ²		

@ Rs. 189.107/m² Rs 173795.00

(12) Providing and applying primer coat with bitumen emulsion (AS-1) d-d

V.P. $\frac{31}{15}$ 4405.20 m² 4405.20

Unit to 4358.657 m²

@ Rs. 52.180/m² Rs 227435.00

(13) Providing and applying Jack coat with bitumen emulsion (AS-1) d-d

V.P. $\frac{37}{2}$ 4426.10 m²

Unit to 4358.657 m²

@ Rs. 17.696/m² Rs 77131.00

(14) Providing laying and rolling of close graded premix surfacing material of 20mm thickness d-d

V.P. $\frac{40}{3}$ 4358.657 m²

@ Rs. 231.483/m² Rs 10,08,955.00

Continuation

C.O. Rs. 60,30,666.00

Particulars			Q. No.	Q. No.	Q. No.
			S. R.		
			Rs. 5029446.00		
(5)	Hand Shoulder				
	V.P.	$\frac{42}{6}$	53 Nos.		
	@ Rs. 500.182/m ² Rs. 29,511.00				
(16)	Kilometer Post				
	V.P.	$\frac{42}{7}$	2 Nos.		
	@ Rs. 2523.75 each Rs. 5068.00				
(17)	200 meter Post				
	V.P.	$\frac{42}{8}$	5 Nos.		
	@ Rs. 663.297 each Rs. 3316.00				
(18)	Sign Board				
	V.P.	$\frac{32}{11}$	2 Nos.		
	V.P.	$\frac{42}{9}$	1 No.		
			2 Nos.		
	@ Rs. 10185.180 each Rs. 30556.00				
(19)	Traffic Sign Triangular				
	V.P.	$\frac{42}{10}$	6 Nos.		
	@ Rs. 4530.254 each Rs. 27182.00				
(20)	Traffic Sign Circular				
	V.P.	$\frac{42}{11}$	4 Nos.		
	@ Rs. 5782.741 each Rs. 23131.00				
(21)	Traffic Sign Rectangular				
	V.P.	$\frac{42}{12}$	2 Nos.		
	@ Rs. 5654.534 each Rs. 11309.00				
(22)	Boundary Pillars				
	V.P.	$\frac{42}{13}$	14 Nos.		
	@ Rs. 574.773 each Rs. 8047.00				

Continuation
c.o. Rs. 61,68,786.00.

Sl. No.	Dimensions			Rate	Amount
	No.	L.	B.		
(23)	Road marking dtds hot applied Thermoplastic compound - d-d.			ON B.T.	
	V.P.	$\frac{93}{14}$	230.00m ²		
			@ Rs. 850.929/m ²	Rs. 1,95,714.00	
(24)	Road marking dtds Hot applied Thermoplastic compound - d-d ON C.C. Pavement.				
	V.P.	$\frac{43}{15}$	23.60m ²		
			@ Rs. 351.314/m ²	Rs. 22,465.00	
(25)	Earthwork in excavation in found ⁿ trenches - d-d.				
	V.P.	$\frac{32}{13}$	74.51 m ³		
			@ Rs. 261 = 903/m ³	Rs. 19,514.00.	
(26)	Providing PCC M-15 in open found ⁿ - d-d.				
	V.P.	$\frac{32}{14}$	6.48 m ³		
			@ Rs. 5805 = 914/m ³	Rs. 37,622.00.	
(27)	Head Wall in brick masonry in c.m. (1:4) - d-d.				
	V.P.	$\frac{32}{15}$	56.08 m ³		
			@ Rs. 6122 = 166/m ³	Rs. 3,43,331.00	

Continuation C.O. Rs. 67,87,432.00 6

<u>Over All</u>			
①	E/W.		4692.05
②	Stone aggregate/chips.		1473.20 m ³
③	Sand.		251.93 m ³
④	Bricks.		21683 Nos
⑤	H.P. 60mm dia		30.00 M.

<u>Revised</u> <u>25.10.2020</u> <u>25.10.20</u>			2010 AE
⑥	SS-1. Emulsion		8.705 t.
⑦	AS-1		1.199 t.
⑧	S-90 Bitumen.		8.282 t.

Revised
25.10.2020
25.10.20

<u>Seigniorage Fee</u>			
<u>(OVER ALL)</u>			
①	E/W. N.P. ⑥		1131.906 m ³
	N.P. ⑦		2641.114 "
	N.P. ⑧		919.03 "
			<u>Q = 4692.05 m³</u>
			@ Rs. 23 = 71/m ³ — Rs. 111248.51
②	G.S.B. Grading I	Q = 784.924 m ³	
50mm to 26.5mm			329.67 m ³ x Rs. 467.20/m ³ Rs. 154021.82
26.5mm to 4.75mm.			423.86 m ³ x Rs. 509.67/m ³ Rs. 216028.73
2.36mm below with Sand.			188.32 m ³ x Rs. 162.30/m ³ Rs. 30564.34
③	W.B.M. Gr-3.	Q = 366.13 m ³	
53mm to 22.4mm.			443.02 m ³ x Rs. 467.20/m ³ Rs. 206978.94
Screening.			87.87 m ³ x 351.99/m ³ Rs. 30929.36

Continuation C-6. Rs. 7,49,771.70

④ C.C. Pavement 1130.			Rs. 2,42,741.70
Sand. 22.05 m ³ x Rs. 102.22/m ³			Rs. 2,254.00
Stone aggregates 66.10 m ³ x Rs. 538.67/m ³			Rs. 35,606.09
⑤ M.S.S. Q = 4258.657 m ²			
Stone crushed aggregates 117.68 m ³ x Rs. 479.28/m ³			Rs. 56,401.67
⑥ Hand shoulder up Q = 59.00 m ²			
Bricks 3643 Nos x Rs. 5.35 each			Rs. 19,490.05
Sand. 2.23 m ³ x Rs. 118.84/m ³			Rs. 265.01
⑦ PCC 11-15 Q = 6.48 m ³			
Sand. 3.11 m ³ x Rs. 162.30/m ³			Rs. 504.75
40 mm. 2.11 m ³ x Rs. 449.67/m ³			Rs. 1,398.47
20 mm. 1.56 m ³ x Rs. 561.89/m ³			Rs. 876.53
10 mm. 0.52 m ³ x Rs. 626.62/m ³			Rs. 325.84
⑧ A/W in c.m. (11-4) Q = 56.08 m ²			
Bricks 28040 Nos x Rs. 5.35 each			Rs. 1,50,014.00
Sand. 14.02 m ³ x Rs. 162.30/m ³			Rs. 2,275.45
⑨ For H.P. Q = 30.00 m ²			
Sand. 0.16 m ³ x Rs. 162.30/m ³			Rs. 25.97
⑩ Bedding Q = 6.52 m ³			
Sand. 10.22 m ³ x Rs. 162.30/m ³			Rs. 1,658.71
⑪ Plaster in c.m. (11-4) Q = 56.08 m ²			
Sand. 0.82 m ³ x Rs. 162.30/m ³			Rs. 133.09
			Rs. 10,24,111.37

Hence, 10% Saignioro fee

= 10% of Rs. 10,24,111.37

= Rs. 1,02,411.137

Say Rs. 1,02,411.00

By *[Signature]*
25/10/2020

Continuation