

96 SBD / 2020-21 / MHLSY (SC)

MATHUR PRGSI to LAXMI VISHWAS tols

Schedule XLV-Form No. 134

(ROAD)-

BAYSI

DIVISION

Daggur

SUB-DIVISION

MEASUREMENT BOOK

MD. FIROZ ALAM

1421 (B)

This is to certify that this M.B
contains 100 (one hundred) complete
printed pages that has been issued
to Assistant Engineer's R.W.D works
Subdivision, Dargamau.

CAF
10/03/17

10.03.21
EXECUTIVE ENGINEER
R.W.D WORKS DIV B

Sch. XLV - Form No. 134

Bixaj DIVISION
Margau SUB-DIVISION

Measurement Book

No. 1421

Name of officer _____

Date of first entry _____

Date of last entry _____

3rd and final bill

18

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of					
Road from Mathur PMSY					
To Laxmi Vishwas Tola					
Agency:- Mdr. Firoz Alam					
Agreement No:- 96 S.B.D/2020-21					
Date of commencement:- 30-01-2021					
Date of completion:- 29-01-2022					
Record Measurement					
(1/1) Div 8 applying					
Primer coat with bituminous emulsion					
CSB-D — 81A					
12 x 30m x 3.75m = 1350.00m ²					
1 x 10m x 3.75m = 37.50"					
7 x 30m x 3.75m = 787.50"					
1 x 20m x $\frac{3.75 + 4.20 + 5.20}{3}$ = 87.67"					
1 x 20m x $\frac{6.90 + 4.00 + 3.75}{3}$ = 97.67"					
2 x 30m x 3.75m = 225.00"					
1 x 10m x 3.75m = 37.50m ²					
L = 690m					
Qty: 2622.84m ²					
(1/1)					
21/01/2023					
-6-					

Continuation

Abstract of cost

22
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) plr & fixing of working bench mark pillar					
2.00 No. A.V.T.M.P. - (13)					
@ 4443.60/each - P.A.					8887.00
(2) plr & fixing of Working Reference pillar					
4.00 No. A.V.T.M.P. - (13)					
@ 2029.16/each - P.A.					8117.00
(3) clearing and grubbing road land - E.T.					
0.69 Hect. A.V.T.M.P. - (13)					
@ 52370.33/Hect - P.A.					36550.00
(4) construction of embankment with material - E.T.					
292.94 m ³ A.V.T.M.P. - (13)					
@ 190.96/m ³ - P.A.					55915.00
(5) construction of embankment with material - E.T.					
1338.18 m ³ A.V.T.M.P. - (13)					
@ 153.35/m ³ - P.A.					211900.00
(6) const. of subgrade & earthen shoulder - E.T.					

Continuation

23
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2491.87 m ² O.V.T. M.B.P. - (13)					
@ 192.25/m ² —					RS. 479066.00
(7) construction of G.S.B.					
grading - I by P/W					
well graded material					
— E.I.T.					
678.12 m ² O.V.T. M.B.P. - (14)					
@ 2770.28/m ² —					RS. 1878582.00
(8) P/W - buying, spreading					
and compacting					
D.B.M. or - III — E.I.T.					
281.22 m ² O.V.T. M.B.P. - (15)					
@ 3584.14/m ² —					RS. 1007932.00
(9) P/W & applying primer					
coat with bitumen					
emulsion (SS-1) — E.I.T.					
2622.84 m ² P.W. T. M.B.P. - (16)					
Limit to					
2613.38 m ²					
@ 44.58/m ² —					RS. 116504.00
(10) P/W & applying Tack					
coat with bitumen					
emulsion (PS-1) — E.I.T.					
2622.84 m ² O.V.T. M.B.P. - (17)					
Limit to					
2613.38 m ²					
@ 15.41/m ² —					RS. 40272.00

Continuation

24
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(11) Pls. laying & rolling of close graded premix surface					
Material — E.T.					
2622.84 m ² D.V.T. MBP — (19)					
Limit to 2613.38 m ²					
@ 205.28/m ² — MS					536474.0
(12) Construction of unreinforced C.C. pavement M30 — E.T.					
181.80 m ² D.V.T. MBP — (20)					
@ 7094.46/m ² — MS					1289773.0
(13) Laying brick soling layer on prepared subgrade — E.T.					
150.00 m ² D.V.T. MBP — (19)					
@ 54.07/m ² — MS					77110.0
(14) Ordinary Kilometer Stone (Pre-cast)					
2.00 No. D.V.T. MBP — (19)					
@ 2257.05/each — MS					4514.0
(15) 20 m stone (Pre-cast)					
5.00 No. D.V.T. MBP — (20)					
@ 620.19/each — MS					3100.0
(16) Pls & fixing project					

Continuation
Informative sign board.

25
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3.10 No. 3	Q.V.7 M.B.P. - (15)				
	@ 9726.03/each			- AS.	29178.00
(17) Plr	five Year				
	Maintenance board				
	— E.I.P.				
1.10 No. 1	Q.V.7 M.B.P. - (20)				
	@ 9726.03/each			- AS.	9726.00
(18) Plr	RCL 115 grade				
	boundary pillars				
48.10 No. 3	Q.V.7 M.B.P. - (20)				
	@ 52276.12/each			- AS.	24296.00
(19) From equilateral					
	triangle board				
16.10 No. 5	Q.V.7 M.B.P. - (20)				
	@ 3624.17/each			- AS.	57987.00
(20) 600mm Circular board					
16.10 No. 3	Q.V.7 M.B.P. - (20)				
	@ 4804.48/each			- AS.	76872.00
(21) 800mm x 600mm rectangular					
	board				
4.10 No. 3	Q.V.7 M.B.P. - (20)				
	@ 6635.37/each			- AS.	26541.00
(22) 900mm octagon board					
2.10 No. 3	Q.V.7 M.B.P. - (20)				
	@ 8419.78/each			- AS.	16839.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23) Planting of tree by the road side					
72 NR	O.V.T.MBP-(20)				
@ 844.59/each					Rs. 60810.00
(24) Road marking with hot applied Thermoplastic compound on B.T. Surface — E.I.P.					
138.00 m ²	O.V.T.MBP-(21)				
@ 721.95/m ²					Rs. 99629.00
(25) Road marking with compound on C.C. Surface — E.I.P.					
60.00 m ²	O.V.T.MBP-(21)				
@ 821.61/m ²					Rs. 49297.00
(26) E.I.W. Work in excavation of foundn — E.I.P.					
29.80 m ³	O.V.T.MBP-(14)				
@ 305.42/m ³					Rs. 9102.00
(27) Plu PCC M15 in foundn — E.I.P.					
4.60 m ³	O.V.T.MBP-(14)				
@ 5530.20/m ³					Rs. 25439.00
(28) Plu PCC M20 in sub structure — E.I.P.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
33.74 m ²	D.V. T.M.B.P. - (14)				
	@ 6342.92 / m ²			PA.	214010.00
(2) Plaster on R.C.C.					
pipe N.P. of 100 mm dia					
- E.I.					
7.50 m	D.V. T.M.B.P. - (15)				
	@ 3502.27 / m			PA.	26717.00
(3) painting on parapet					
Walls					
20.64 m ²	D.V. T.M.B.P. - (21)				
	@ 100.75 / m ²			PA.	2079.00
				PA.	6483918.00
Add 12% L.S.T. (+)				PA.	778070.00
Add 1% L.C.S. (+)				PA.	64839.00
				PA.	7326827.00
Add 10% S. fee (+)					(11)
(1) Earth = 4123.01 m ²	@ 34.81 / m ²			PA.	14352.00
(2) 53 mm - 9.5 mm = 406.87 m ²	@ 620.62 / m ²			PA.	25251.00
(3) 9.5 mm - 2.36 mm = 162.75 m ²	@ 514.58 / m ²			PA.	8374.00
(4) 2.36 mm - 0.10 mm = 244.12 m ²	@ 175.85 / m ²			PA.	4292.00
(5) 53 mm - 2.36 mm = 340.28 m ²	@ 511.44 / m ²			PA.	17403.00
(6) 11.2 mm = 67.49 m ²	@ 337.73 / m ²			PA.	2684.00
(7) crushed Agg. = 163.62 m ²	@ 581.93 / m ²			PA.	9522.00
(8) 13.2 mm - 0.10 mm = 70.56 m ²	@ 523.37 / m ²			PA.	3693.00
(9) Brick = 9260 Nos	@ 5.76 / each				5334.00

Continuation

28
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(10) 40mm =	14.36	m	434.15	m	710.00
(11) 20mm =	13.25	m	604.31	m	802.00
(15) 10mm =	6.30	m	668.80	m	461.00
(13) C-Sand =	99.70	m	175.80	m	1743.00
				Rs.	94621.00
(A) + (B) =	7326877		494621		7421448.00
Less 0.11% as per agg (-)				Rs.	8164.00
				Rs.	7429612.00
Less p/r payment (-)				Rs.	3668885.00
				Rs.	3760727.00

(165)
23/11/2023
J-G.

Material statement

- (1) Prime cost = 2.221 M.T.
- (2) Tack cost = 0.719 M.T.
- (3) Bitumen = 4.965 M.T.

(165)
23/11/2023
J-G.

Continuation