

M/S Mishra Construction

M.B.No - 483/2021-22

Schedule XLV Form No. 134.

श्री श्री २५३११२९१५

DIVISION

२२१११२

SUB-DIVISION

Measurement Book

श्री श्री २५३११२९१५, २५०३९८

1st & 2nd Date Bill

Name of Work- M/S. Mishra Construction
 Situation of Work-
 Agency by which work is executed-
 Date of Measurement-
 No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Item of work -				
Agency -				
Ag No -				
Date of start -				
Date of completion -				
(1) clearing & grubbing of				
2 x 10 x 10 x 10.30 m to 5 m = 0.30 m				
				0.10 m
(2) Discontinuation of				
existing stone work.				

2 x 5.15 m to 4.5 x 0.6 m = 2.78 m ³				
(3) Lining of				
Details of measurement				
for 0.4 - 0.0 m to 10.30 m				
7 x 0.8 m x 0.30 m x 0.15 m = 0.59 m ³				
6 x 0.8 m x 0.4 m x 0.125 m = 0.34 m ³				
9 x 1.3 m x 0.6 m x 0.15 m = 1.05 m ³				
6 x 1.6 m x 0.5 m x 0.125 m = 0.84 m ³				
5 x 1.8 m x 1.0 m x 0.15 m = 1.35 m ³				
9 x 1.5 m x 0.3 m x 0.125 m = 0.71 m ³				
4 x 0.7 m x 0.6 m x 0.15 m = 0.50 m ³				
9 x 1.3 m x 0.3 m x 0.125 m = 1.84 m ³				
8 x 1.4 m x 0.7 m x 0.15 m = 1.18 m ³				
9 x 1.1 m x 0.6 m x 0.125 m = 1.04 m ³				
6 x 0.9 m x 0.7 m x 0.15 m = 0.65 m ³				
8 x 1.2 m x 0.8 m x 0.15 m = 1.15 m ³				
9 x 1.4 m x 0.6 m x 0.125 m = 1.32 m ³				
6 x 1.2 m x 0.5 m x 0.15 m = 0.56 m ³				
4 x 1.1 m x 0.6 m x 0.125 m = 0.46 m ³				

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	7x	1.400	0.800	0.150	1.184
	7x	2.100	0.800	0.125	1.800
	9x	2.100	0.800	0.150	1.980
	6x	1.500	1.000	0.125	1.590
	9x	1.200	0.900	0.125	1.200
	8x	1.300	0.800	0.150	1.250
	5x	1.400	0.800	0.125	0.86
	7x	1.500	0.600	0.150	0.95
	6x	1.300	0.900	0.125	1.64
	6x	1.800	0.500	0.150	0.81
	6x	1.600	0.900	0.125	1.51
	7x	1.600	0.400	0.150	0.67

	6x	1.700	0.700	0.125	1.67
	3x	1.800	1.000	0.150	0.810
	9x	1.900	0.900	0.125	2.69
	7x	1.900	0.500	0.150	1.00
	4x	1.800	0.900	0.125	1.13
	5x	1.600	0.400	0.150	0.48
	6x	1.700	0.800	0.125	1.25
	5x	1.800	1.000	0.150	1.35
	4x	1.900	0.900	0.125	1.20
checked 20/9/15	6x	2.000	0.400	0.150	0.72
	5x	2.100	0.800	0.125	1.47
	8x	1.400	0.300	0.125	0.59
	7x	2.100	0.200	0.150	1.54
	8x	1.800	0.900	0.125	2.27
	5	1.50	0.250	0.150	1.125

Continuation KLB = 48.795m

① Priming simjoll

Details of pots measured
taken from 0.00 to 10.30.4

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	7	0.900	0.800	0.025	0.380
	6	0.900	0.500	0.025	0.200
	9	1.400	0.800	0.025	0.660
	6	1.200	0.600	0.025	0.460
	5	1.900	1.100	0.025	0.78
	9	1.600	0.400	0.025	0.43
	8	0.800	0.700	0.025	0.34
	9	1.400	1.000	0.025	0.95
	8	1.500	0.800	0.025	0.72
	9	1.200	0.700	0.025	0.57
	6	0.900	1.000	0.025	0.41
	8	1.300	0.900	0.025	0.70
	5	1.500	0.800	0.025	0.71
	6	1.350	0.600	0.025	0.36
	4	1.200	0.700	0.025	0.25
	8	2.100	1.000	0.025	1.26
	6	1.800	1.000	0.025	0.81
	3	1.800	1.900	0.025	0.77
	5	2.100	2.200	0.025	1.73
	7	2.200	2.300	0.025	2.66
	6	2.100	1.800	0.025	1.70
	7	1.500	0.900	0.025	0.71
	7	2.200	0.800	0.025	0.92
	9	2.200	0.800	0.025	1.19
	8	1.600	1.100	0.025	0.79
	9	1.300	1.000	0.025	0.78
	3	1.900	1.100	0.025	0.47
	9	2.000	1.000	0.025	1.35
	7	2.000	0.600	0.025	0.63
	4	1.900	1.000	0.025	0.57
	5	1.700	0.500	0.025	0.32
	6	1.800	0.800	0.025	0.65
		Continuation			

electrical
plate
30/9/77
12/

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	5	1.900	1.100	0.025	0.78
	4	2.000	1.500	0.025	0.60
	6	2.100	0.500	0.025	0.47
	5	2.200	0.900	0.025	0.74
	8	1.500	0.400	0.025	0.36
	7	2.200	0.800	0.025	0.92
	8	1.900	1.000	0.025	1.14
	7	1.600	0.850	0.025	0.71
	2	1.10	1.10	0.025	0.15
					231.2
					31.06

⑤ ~~Area during S/M/gall - 9~~
~~into measurement from 10200~~

	7	1.400	1.200	0.025	0.88
	6	1.400	0.900	0.025	0.57
	9	1.900	1.100	0.025	1.41
	6	2.200	1.500	0.025	0.99
	5	2.400	1.500	0.025	1.35
	9	2.100	0.900	0.025	1.13
	8	1.300	1.100	0.025	0.86
	9	1.900	1.400	0.025	1.80
Checked	8	2.100	1.200	0.025	1.44
4/6/14	9	1.700	1.100	0.025	1.26
4/6	6	1.400	1.400	0.025	0.88
	5	2.200	1.800	0.025	1.40
	6	2.900	1.500	0.025	1.96
	7	2.800	1.600	0.025	2.35
	8	2.500	1.300	0.025	1.95
	9	2.600	1.800	0.025	3.16
	6	2.300	2.300	0.025	2.38
	8	2.400	1.800	0.025	2.45
	4	2.100	1.530	0.025	0.96

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	9	1.800	1.800	0.025	2.19
	8	2.500	1.000	0.025	1.20
	5	1.350	1.200	0.025	0.61
	8	1.350	1.000	0.025	0.81
	9	1.550	0.800	0.025	0.84
	6	1.400	0.700	0.025	0.44
	4	1.250	0.800	0.025	0.30
	3	1.850	2.100	0.025	0.87
	5	2.150	2.400	0.025	1.94
	7	2.250	2.500	0.025	2.95
	6	2.150	2.000	0.025	1.94
	7	1.550	1.000	0.025	0.81
	7	2.250	0.900	0.025	1.06
	9	2.250	1.500	0.025	1.37
	6	1.650	1.200	0.025	0.89
	9	1.350	1.100	0.025	1.00
	3	1.950	1.200	0.025	0.53
	9	2.050	1.100	0.025	1.52
	7	2.050	0.700	0.025	0.85
	4	1.950	1.100	0.025	0.64
	5	1.850	0.600	0.025	0.39
	6	1.850	0.900	0.025	0.85
	5	1.950	1.200	0.025	0.88
	5	2.050	1.100	0.025	0.84
					54.40
					54.54

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Primer coat.					
Area for 51 ml galts 15 45					
$1 \times 54.54 \text{ m}$					
$\frac{21.08 \text{ m}}{21.08 \text{ m}}$					
Area Curv 1 x 51.50 m					
Total 734.70 m					
Limit = 734.47 m					

⑦ Patch repair over w.B.M. surface using mix sand					
Area 8 m as 116 = 734.47 m					
$2 \times 10 \text{ m} \times 5 \text{ m} \times 3.25 \text{ m} = 325 \text{ m}$					
$4 \times 10 \text{ m} \times 2.5 \text{ m} = 100 \text{ m}$					
Total = 1151.10 m					

⑧ Tack Coat.					
Area for 8 m as 116 = 1151.10 m					
$3 \times 50 \text{ m} \times 3.25 \text{ m} = 487.5 \text{ m}$					
$4 \times 10 \text{ m} \times 2.5 \text{ m} = 100 \text{ m}$					
$30 \times 20 \text{ m} \times 3.25 \text{ m} = 1950 \text{ m}$					
$30 \times 30 \text{ m} \times 3.75 \text{ m} = 3375 \text{ m}$					
Curv 24 5.0 m x 5.80 m + 4.46 = 16.39					
Total 5076.10 m					
Limit 5052.22 m					

⑨ Semi Dense Bituminous coat					
$10 \times 50 \text{ m} \times 3.25 \text{ m} + 0.025 \text{ m} = 46.87$					
$30 \times 45 \text{ m} \times 3.25 \text{ m} + 0.025 \text{ m} = 32.81$					
$3 \times 450 \text{ m} \times 3.25 \text{ m} + 0.025 \text{ m} = 12.93$					
Curv 24 15.0 m x 5.80 m + 4.46 + 0.025 = 4.94 m					
Total = 97.60 m					
Limit 97.54 m					

Continuation

Total = 97.60 m
Limit 97.54 m

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Kildama fire site					
(5) enclosing ku				2.15	
(55) 200 u			4	15	
(11) Direction & place of stone fire					
But - 4 x 1.20 to 80 = 3.84					
(12) Traffic sign					
(5) 600 m guided - 4				15	
(55) 600 m circle - 2				15	
(555) 600 m + 4 stone rule - 2				15	
(13) Road marking					
2 x 10 + 10 x 10.30 to 100 = 206.6					
(14) Maintenance project But					
5				15	
(15) Construction of Subgrade					
2 x 10 + 10 + 9.30 + 0.30 to 300 = 390.6					
2 + 50.00 + 0.5000 to 300 = 30.00					
420.60					
(16) Plantation of trees					
= 37.15					
(17) Half Borehole Grouting					
= 32.15					
(18) Supplying of 300 m ³					
of D L = 3 x 2.05 m + 2 = 15.15					
(19) Fencing B/w in					
cur. 31					
2 x 6.00 + 0.40 to 60 = 2.88					
(19) plastering in cur. 41					
1 + 4.00 + 6.00 + 0.60 = 14.40					
7.6.1 + 2.00 + 1.00 to 40 = 4.80					
front fence 1 + 4.00 + 0.40 to 60 = 0.46					
20.16					

Continuation

$$\text{for 3 m} = 3 \times 20.16 = 60.48$$

$$(20) \text{ painting two cur. } 19 = 60.48$$

20/9/21
36
30/9/21
AE

4. Area
1st Subgrade B. & P.

ABSTRACT of Cost
8

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① clearing & grubbing of 21.00 m ² land					
Qty for vide P. 1 to ① 20.10 m ² @ 51/33.75/m ²					5114.00
② Discontinuity of existing structure of I					
Qty for vide P. 1 to 2 2.76 m ² @ 231.77/m ²					640.20
③ Construction of Subgrade 4 cur then shoulder					
Qty for vide P. 1 to 15 420.60 m ² @ 176.36/m ²					74382.5
④ Providing C/S B. & G. II Qty for vide P. 1 to 3 48.85 m ² @ 2127.24/m ²					10391.20
⑤ Providing S/m of II Qty for vide P. 1 to 4 31.06 m ² @ 3907.11/m ²					12355.5
⑥ Providing S/m of II - a Qty for vide P. 1 to 5 54.54 m ² @ 3517.45/m ²					19184.2
⑦ Primer coat Area for vide P. 1 to 6 73.48 m ² @ 44.42/m ²					3262.5
⑧ Patch work over w. B. m. g. m. using mit sand - 200					
Area for vide P. 1 to 7 1151.10 m ² @ 216.85/m ²					249610.0
⑨ Thick coat Area for vide P. 1 to 8 5052.2 m ² @ 15.11/m ²					76339.0

Continuation

5762.2985
C=

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(18) Supply of plaster				2217674
for plastering of wall				
at 15 mm @ 905.36 m				13580
(19) Plastering of wall in				
area of 3 m				
Qty for plastering				
at 2.88 m @ 5660.58 m ²				16302
(20) Plastering in area of				
area for plastering				
at 60.48 m @ 186.25 m ²				112942
(21) Painting two coats				
area for painting				
at 60.48 m @ 921.9 m ²				5878

				2264728
Add 124 Crs. T				221767
Add 14 Lubricant				22647
CP				2589142
20/1/2022				2589142
				30/9/21
				02

(1) Main material				
(1) EFW @ 420.60 m				
(2) Stone work @ 3898 m				
(3) Work sand @ 2598 m				
(4) Small girt & tip @ 113.84 m				
(5) Screening material @ 26.183 m				
(6) St. Chits @ 241.42 m				
(7) Bm under stone @ 6242 m				
(8) Bm under stone @ 6242 m				
				13.44161 M

(9) Bridges = 5550 m				
(10) Curbs @ 0.429 m				
(11) Cement @ 0.5885 M				
(12) Thermo plaster paint				2904
(13) 30 mm @ L=15 mm				30/9/21