

Schedule XLV-Form No. 134
Saksobara Road (NH30A) To Alkharapur.
~~444~~

8/11/2 DIVISION

8/11/2 SUB-DIVISION

MEASUREMENT BOOK

876

1st on A/c Bill

Construction Five year

Name to work— Maintenance M/R N-19
 Situation of work— under 3054 M / 2 years 18-19
 Agency by which work is executed— A to A Linaghi
 Date of measurement— Shree Ram Prasad Singh
 No. and date of agreement. Vill P. G. Mudlan
 (These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Agreement -	28-06			2019	
Agreement No	22/M B D			2019-20	
Date of Completion -	27-03			2020	
Accepted rate -	0.027			below -	
Date of measurement -	16-03			2020	
① clearing and grubbing road land including up/sub					
1 x 837m x 6.00m =				5022m ²	
=				0.5022 hatare	
② Scratching the existing bituminous road surface					
837m x 3.75m x $\frac{12.96}{100}$ =				406.78m ²	
I					
③ Construction of granular sub base by providing Coar. graded materials.					
24 x 0.30m x 0.30m x 0.100 =				0.216m ³	
23 x 0.30m x 0.35m x 0.100 =				0.310	
9 x 0.450 x 0.450m x 0.100 =				0.182	
8 x 0.582 x 0.437 x 0.175 =				0.356m ³	
6 x 0.582 x 0.582 x 0.150 =				0.305	
9 x 0.582 x 0.728 x 0.150 =				0.572	
6 x 0.873 x 0.728 x 0.100 =				0.381	

Continuation

Total

2.322

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				135	2.322 m ³
	6	0.873	0.873	0.10	0.457
	5	0.970	0.873	0.10	0.423
	6	0.970 m	0.970 m	0.175	0.988
	7	1.164	0.970 m	0.125	1.383
	9	1.455	1.164	0.150	2.286
	7	1.940	1.940	0.175	4.610
	4	2.425	2.425	0.125	4.116
	5	2.425	2.425	0.125	3.655
	6	1.455	1.455	0.10	1.270
	5	1.940	1.940	0.125 m	2.352
	6	2.425	2.425	0.150	5.292
	6	2.910	2.910	0.175	8.872

	7	3.880	3.395	0.175	16.136
	4	4.850 m	3.395	0.175	11.526
	4	5.820	3.395	0.175	13.831
				Total	79.559 m ³

Q. No. 16105

Date of entry - 18/03/2020

(4/5) providing bearing spreader and compacting stone spread w.B.M. grade is 1:1.5/1:1					
Crushable stone material					
Pot measurement					
	30	0.30 m	0.30 m	0.025 m	0.203
	29	0.450	0.300 m	0.075	0.294
	11	0.450 m	0.450 m	0.075	0.167
	10	0.600	0.450 m	0.075	0.203
	8	0.600	0.600	0.075	0.216

Continuation

Total - 1.083 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry - 21-04-2020					
⑥ ⑦	Prime coat with bitumen emulsion 5-5-1 on prepared surface over W.B.M. & valve D Area				
	$109.977 \text{ m}^3 = 1466.36 \text{ m}^2$				
	0.075 m				
⑦ ⑧	Provide and apply tack coat over W.B.M. with bitumen emulsion 5-5-1				
	Same Area as per prime coat - 1466.36				
⑧ ⑩	Provide and apply 20mm concrete mix Seal Surface over W.B.M. & valve D Area				
	Same Area as per prime coat - 1466.36				
	⑩ 21-04-2020				
Date of entry - 09-05-2020					
⑨ ⑨	Provide and apply Tack coat with bitumen emulsion with (5-5-1) over bituminous surface from CH side to each Pav. edge				
	$10 \text{ m} \times 4.30 \text{ m} \times 3.75 \text{ m} = 40.25 \text{ m}^2$				
	2				
	$6 \times 30 \text{ m} \times 3.75 \text{ m} = 675.00 \text{ m}^2$				
	$6 \times 30 \text{ m} \times 3.75 \text{ m} = 675.00 \text{ m}^2$				
	$1 \times 15 \text{ m} \times 3.75 \text{ m} = 56.25 \text{ m}^2$				

Continuation

Total 1446.50 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1446.50 m ²
1 x 8 m x 4.0m + 4.6m + 6.75m =					40.93
1 x 3 m x 6.75 + 11.20 + 19m =					36.95
1 x 24 m x 4.75m + 5.10m + 4.40m =					114.00
1 x 19 m x (4.0m + 3.70m + 4.50) =					78.53
1 x 12 m x (4.50m + 5.75m + 7.30 + 5.10 + 4.40) =					64.92
1 x 14 m x (4.40m + 4.30 + 4.0) =					59.26
5 x 30m x 3.75m =					562.50
1 x 19 m x 3.75m =					71.25
5 x 30m x 3.75m =					562.50
1 x 25 m x 3.75m =					93.75 m ²
					Total 3131.09 m ²
10 11 Provide and lay bituminous concrete 100-120 T.P.H. batch type hot mix plant --- S.P.B.C. 2 mm thick Same Area as per item No					
2					2 x 3131.09 m ²
					0.025 m
					78.277 m ³
11 Provide and lay off hot 16 Road Marking applied Thermo plastic compound					
2 x 816 m x 0.100m =					163.20 m ²
2 x 5 x 3.75m x 0.100 =					1.87 m ²
Continuation					165.07 m ²

Q. Kuro
18-05-2020
OK

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry - 03-06-2020					
(11) Construction of embankment with material obtained from borrow pit					m ³
Both side 2 x 385m x 1.125m x 0.30m					433.725
" 2 x 15m x 1.5m x 0.30m					257.875
45' 1 x 175m x 1.125m x 0.30m					92.5
R/S 1 x 218m x 1.125m x 0.30m					13.5
R/S 1 x 69m x 1.125m x 0.30m					98.42
2 x 165m x 1.125m x 0.30m					57.05
					122.61
					73.57
					38.81
					23.28
					185.62
					11.57
					921.125
					540.645
(12) Providing and erecting direction sign board					
(i) Directional board					114
(ii) Logo board					No
(iii) Maintenance					1 No
Material Statement.					
(1) G.S.P. Quarter metal					Bitum caulking
Grade 1					79.539 - 71.34 - 30.47
(2) 10.13 m grade					59.22
"					14.35
					48.945 - 43.88 - 18.75
(3) 10.13 m grade					109.977 - 123.43/32.26
"					32.26
(4) Prime coat					1466.36m ² - S-5-1 - 1.2464
(5) Pack coat					4597.45 - S-5-1 - 1.2643
(6) M.H. Seal Surface					1466.36m ² - S-90 - 2.786
(7) S.D. B.C.					78.27m ³ - 39.59m ² - 5.67
(8) E/W					540.645m ³ - 110.77 - 5.67
					MT
Continuation					
Stone metal					263.97 S-5-1 - 1.2464
Stone chips					150.36m ³ R-5-1 - 1.2643
Stone screenings					32.26 S-90 - 8.456
Moorum					14.35 E/W - 540.645
Sand					30.47 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BR 732,460 =
⑧ provide and applying					
Pack coat with bitumen					
thickness 10 mm					
Quantity volume					
⑤	1466.36 m ²				
⑥	3131.09 m ²				
Total	4597.45 m ²				
			CR 16 = 12		74,111 =
⑨ provide laying and rolling					
of closed graded premix					
surface material 20 mm					
Thickness mix seal surface					
Quantity volume ⑤					R 2,77,871
1466.36 m ² CR 189 = 50					
⑩ provide and laying					
bituminous concrete					
thickness 100-120 TPA batch					
75% hot mix plant					
S.D.B.C. test					
Quantity volume ⑥					78,277 m ³
3131.09 m ² CR 11,289 = 48					883,707 =
⑪ provide road					
thickness 100 mm					
Quantity volume ⑥					165.07 m ³ CR 1350 = 1,40,463 =
⑫ provide and erecting					
directed place and erect					
fixation retro reflector					
sign board					
Quantity volume ⑦					
3 No CR 9,270 = 32					27,811 =
Total Rs					1995964 =
Defect for 0.02% defect					21,36,427 =
as per agreement					R 1,427 =
Nett Amt					1995565 =
Amount					21,36,000 =
03/06/2020					
JB					

Continuation