

M.B. No - 390/20-21

Schedule XLV-Form No. 134

गैरवाणिज्यिक वाणिज्यिक के प्रकार के वाणिज्यिक उपकरण
अंशित के लिए और वाणिज्यिक उपकरण के लिए

DIVISION

Durga Shankar Dubey

SUB-DIVISION

Measurement Book

390/2020-21

DIVISION

SUB-DIVISION

प्रमाणित किया जाता है कि इस माफ़ीद्वारा में 1 से 100 तक कुल 100 पृष्ठ हैं एवं श्री महेंद्र कुमार, ए0अ0 को निर्गत किया जाता है

Measurement Book

EXECUTIVE ENGINEER
No. R.W.D. (W.D.)

ARERAJ

10/8/20

Name of officer

Date of first entry

Date of last entry

Est on A/C Bill

1

Name of Work—
 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.	D.	
<u>Name of Road :- Areraj Block</u>					
<u>me Mahabali Puthamka Dapkin To</u>					
<u>Dackkhim Kofral Hospital Areraj</u>					
<u>Hotel H. Chandra Astham Tak</u>					
<u>PCC Road Kon Nidman .</u>					
<u>Scheme Head :- M/A '2054' New</u>					
<u>Policy</u>					
<u>Agency :- Dagon Shampun Debeg</u>					
<u>Agg No :- 43 MB D/2020-2021</u>					
<u>Date of start :- 14/9/2020</u>					
<u>Date of completion :- 13/5/2021</u>					
<u>Agg. Amount :- 17790894/-</u>					
<u>Below @ 0.03%</u>					
<u>Date of entry :-</u>					
<u>Measurement</u>					
<u>① Cleaning & sweeping</u>					
<u>47 road bund etc - - - - -</u>					
	2x33	30.0	0.50	-	= 990.0 m ²
	2x3	30.0	0.50	-	= 90.0 //
	2x1	10.0	0.50	-	= 10.0 //
					<u>1090.0 m²</u>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B/A/S = 1090.0m^2$
					$A/S = 0.11 Hect$
(2/49) Construction of subgrade					
to outer shoulder etc					
to all Comp. etc					
	2x10	30.0	0.75	0.25	$= 112.50m^3$
	9x6	30.0	0.40	0.15	$= 16.20m^3$
					$A/S = 128.70m^3$
(3/49) Patch work over WBM					

Using mic seal sanding					
etc to all Comp. etc					
Profile Comp	4	1.20	0.90	-	$= 4.32m^2$
	10	3.20	1.10	-	$= 35.20$
	5	1.50	1.20	-	$= 9.00$
	10	1.20	0.90	-	$= 10.80$
	10	2.20	1.50	-	$= 48.00$
Butt joint	9x5	3.0	0.90	-	$= 27.00$
"	9x10	4.0	0.75	-	$= 60.0$
	1	3.10	1.10	-	$= 3.41$
	10	1.10	0.90	-	$= 9.90$
	5	2.10	0.90	-	$= 9.45$
	1	4.1	1.10	-	$= 4.51$

Continuation

210.221.59m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B/P \text{ Avg} = 221.59 \text{ m}^2$
	5	1.20	0.90	-	$= 5.40 \text{ m}^2$
	10	0.90	0.80	-	$= 8.10 \text{ m}^2$
	2x2	250	0.75	-	$= 7.50$
	4	5.0	1.20	-	$= 24.0$
	1	2.4	1.10	-	$= 2.64 \text{ m}^2$
	1	3.20	1.25	-	$= 4.0 \text{ m}^2$
					$\text{Avg} = 273.23 \text{ m}^2$

(4) providing and applying
mg. back out with
emulsion R, et. de J.A

Area ad 9 items (0.2)					$= 273.23 \text{ m}^2$
33	30.0	3.75	-		$= 3712.50 \text{ m}^2$
3	30.0	3.75	-		$= 337.50 \text{ m}^2$
For extra width 2x2	10.0	$\frac{0.3+0.6}{2}$	-		$= 18.0 \text{ m}^2$
					$\text{Avg} = 4341.23 \text{ m}^2$

(5) providing & laying
and rolling of clove grade
bed for more surfacing with
Marsal surfacing etc.

1x33	30.0	3.75	-		$= 3712.50 \text{ m}^2$
1x3	30.0	3.75	-		$= 337.50 \text{ m}^2$
For extra width 2x2	6.50	$\frac{0.3+0.6}{2}$	-		$= 11.70 \text{ m}^2$

Continuation. C.O. = 4061.70 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13/10/21 = 4061.70 m ² R/S = 4061.70 m ²
(6) Providing and applying top coat with bitumen emulsion etc do - do - job					
	33	30.0	3.75	-	= 3712.50 m ²
	3	30.0	3.75	-	= 337.50 m ²
	1	10.0	3.75	-	= 37.50 m ²
For side from width	2x2	15.0	0.75	0.025	= 0.7875 = 31.50 m ²
	2x1	10.50	0.45	0.025	= 0.23625 = 9.45 m ²
					R/S = 4128.45 m ²
(7) Providing & laying semi-dense bituminous concrete with 150-120 TPH etc do - do - all job					
	33	30.0	3.75	0.025	= 92.81 m ³
	3	30.0	3.75	0.025	= 8.4375 m ³
	1	10.0	3.75	0.025	= 0.9375 m ³
	2x2	15.0	0.75	0.025	= 0.7875 m ³
	2x1	10.50	0.45	0.025	= 0.23625 m ³
					R/S = 103.20 m ³
(8) Providing & laying of 200 mm of Stone Bed					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
across the road for cess gutter/pavement etc do as follows					
	2 x 3	3.5	-	-	= 15.0 m
					At 15.0 m
Repair of culvert (all)					
(a) Plastering with cement mortar (1:4) on brickwork etc					
Sidewalk	4	6.0	0.60	-	= 14.40 m ²
	2	6.0	0.40	-	= 4.80 m ²
	4	0.40	0.60	-	= 0.96 m ²
					20.16 m ²
At 20.16 m ² Culvert					
	2 x	20.16	m ²		= 40.32 m ²
					At 40.32 m ²
(10) Painting tar coat including Primers etc					
Area at 9.75 m ² (9) = 40.32 m ²					
					At 40.32 m ²
(11) P/S & F/C ordering km Part etc do as follows					
					At 2 Nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12) P/V & F/F 200 mm stone Post etc do - do - do Qty = 4 Nos					
13) Design and place of infraction signs with size more than 0.9 m ² of each 4 1.20 0.80 - = 3.84 m ² Qty = 3.84 m ²					
14) P/V & F/F 600 mm square at triangle sign board etc Qty = 2 Nos					
15) P/V & F/F 600 mm square Circular hand made sign etc Qty = 2 Nos					
16) P/V & F/F 650 mm x 450 mm rectangular sign board etc Qty = 2 Nos					
17) Road Marking with hot applied the reflective compound etc do do all in all 2x33 30.0 0.10 - = 198.0 m ²					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x3	30.0	0.10	-	= 18.0 m ²
	2x1	10.0	0.10	-	= 2.10 m ²
					<u>Avg 218.10 m²</u>
(18) Procuring & Fixing Laga					
of Maintenance Project					
board etc do do do					
					<u>Avg = 5 Nos</u>

Bulbip Interceptor Report					
Machine No.	406	Serial No.	95	Date	25/7/21
Name of Road: Anand Bhaskar Mhabali Pagarwan					
ke Dahanu to Dechihi Refra Hotel					
Date	Length (m)	Serial	IRI (mm/km)		
25/7/21	0.10	95	24925		
21	0.10	11	27525		
21	0.10	11	2666		
21	0.10	11	3013		
11	0.10	11	2492		
21	0.10	11	2926		
11	0.10	11	2752		
11	0.10	11	3013		
11	0.10	11	2926		
11	0.10	11	2752		
11	0.10	11	2492		

Continuation

Total = 302764

Average IRI = 2752.30

25/7/21
 A.R.