

ମି. ଅମର କୁମାର ମହାପାତ୍ର
ଅଧ୍ୟକ୍ଷ
ଓଡ଼ିଶା ସରକାର
ଭୁବନେଶ୍ୱର

~~M/R~~
Schedule XIV-Form No. 134

Bardo Patti

DIVISION

Ag No- 5 MBD/23-24

SUB-DIVISION

1282

MEASUREMENT BOOK

ଓଡ଼ିଶା ସରକାର
ଭୁବନେଶ୍ୱର

प्रमाणित किया जाता है कि इस मापपुस्तक
राजनी द्वारा मुद्रित 100 से 100 तक अंकित
है, जो प्रमाणित परामर्शदात्री, वासोपट्टी के
बोम ले निर्माण किया जाता है।

[Signature]
Executive Engineer
Rural Works Department
Works Division, Jaynagar
[Signature]
11/01/23

Const -

Maint -

Below - 10%

Start dt - 19.4.23

Completion - 18.1.24

Acy. No - SMBD/23-24

Reissued Sch. XLV - Form No. 134
to A.E. Babopatti

DIVISION
Executive Engineer
Rural Works Department
Works Division, Jaynagar
SUB-DIVISION

[Signature]
18/8/23

Measurement Book

1282
No.

Name of Officer _____

Date of first entry _____

Date of last entry _____

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.	
Name of Work:-					
Maint & Repair					
of Rd from Purnahi Chowk					
To Naya Tola, Mehtapatti,					
Agency -					
Gaurav Kumar Singh					
Agreement No -					
DS MBD/2023-24 MR (305)					
Date of commencement -					
19-04-23					
Date of completion -					
18-01-2024					
Rate quoted -					
10% below					
Record entry,					
① Prov. and final MR					
and citizen Board					
=					4 Nos
② clearing and grubbing					
Rd land					
2 x 9 x 30 x 1					= 540.00
2 x 8 x 30 x 1					= 480.00
2 x 11 x 30 x 1					= 660.00
2 x 9 x 30 x 1					= 540.00
2 x 10 x 30 x 1					= 600.00
2 x 1 x 5 x 1					= 10.00
					<u>7 = 2830.00</u>
					= 0.283 Hec
③ const of subgrade &					
eyewalls					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 x 9 x 30 x			0.60 x 0.30 =	97.20	
2 x 2 x 15 x			$\left(\frac{0.45 + 0.9}{2}\right)$		
			x 0.30 =	12.15	
2 x 8 x 30 x			0.60 x 0.30 =	86.40	
2 x 11 x 30 x			1.0 x 0.40 =	264.00	
2 x 11 x 30 x			$\left(\frac{0.7 + 1.3}{2}\right)$		
			x 0.40 =	264.00	
2 x 6 x 30 x			$\left(\frac{1.2 + 1.5}{2}\right)$		
			x 0.30 =	145.80	
2 x 6 x 30 x			1.0 x 0.35 =	126.00	
2 x 5 x 30 x			1.1 x 0.50 =	99.00	
2 x 1 x 30 x			0.60 x 0.30 =	10.80	
2 x 1 x 5 x			0.80 x 0.35 =	21.80	


$$T = 844.15 \text{ m}^2$$

④ Pny. CSR 2-I in Pub.

2 x 2.80 x	1.20 x 0.10 =	0.67
13 x 1.5 x	0.25 x 0.10 =	1.46
5 + 7.5 x 2.40 x	0.10 =	10.80
1 x 30 x 0.40 x	0.10 =	1.20
4 x 2.10 x 1.20 x	0.075 =	0.26
5 x 2.95 x 1.80 x	0.10 =	2.61
3 x 2.84 x 1.65 x	0.10 =	1.41
4 x 2.96 x 1.80 x	0.10 =	2.13
6 x 2.25 x 1.40 x	0.10 =	2.37
3 x 4.50 x 1.25 x	0.10 =	2.36
4 x 2.6 x 1.12 x	0.10 =	1.48

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
E	6	1.89	1.25	0.10	1.98
	2	7.8	2.55	0.10	3.17
	2	8.65	1.55	0.10	2.68
	1	5.5	1.55	0.125	0.92
	2	2.98	1.77	0.10	1.02
	8	1.54	1.24	0.15	2.29
	3	3.45	0.98	0.10	1.01
	6	1.87	0.75	0.10	0.84
	2	3.85	0.75	0.125	0.72
	4	2.98	0.68	0.11	0.89
	22	1.80	0.90	0.14	4.99
	28	1.20	0.60	0.125	3.53
	1	5.8	3.75	0.15	3.26
	6	1.90	1.20	0.10	1.37
	2	5.0	0.90	0.10	0.90
	4	2.40	1.20	0.15	1.23
	2	5.8	2.10	0.10	2.44
	3	1.20	0.45	0.085	0.12
	2	1.7	1.20	0.15	0.61
					$\Sigma = 62.17 \text{ m}^3$
Gravel					
	26/5/23				
	B/E				
(c) Prov. WBM gr-II in					
Pop					
	2	2.8	1.2	0.085	0.50
	13	1.5	0.25	0.085	1.10

Particulars	Details of actual measurement				Contents of area	
	No	L.	B.	D.		
S ₂	6	7.5	2.40	0.075	0.100	
	1	30	0.40	0.075	0.90	
	0	2.1	1.20	0.075	0.26	
	5	2.90	1.80	0.075	1.96	
	3	2.84	1.65	0.075	1.05	
	4	2.96	1.80	0.075	1.60	
	6	2.75	1.40	0.075	1.73	
	3	4.50	1.75	0.075	1.77	
	4	2.60	1.42	0.075	1.11	
	6	1.89	1.75	0.075	1.49	
	2	7.80	2.35	0.075	2.85	
	2	8.65	1.55	0.075	2.01	
	1	5.50	1.35	0.075	6.56	
		2	2.98	1.71	0.075	0.86
		8	1.54	1.24	0.075	1.15
	3	3.45	0.98	0.075	0.86	
	6	1.87	0.75	0.075	0.63	
	2	3.85	0.75	0.075	0.43	
	4	2.98	0.68	0.075	0.61	
	22	1.80	0.90	0.075	2.67	
	28	1.20	0.60	0.075	1.51	
	1	5.90	3.75	0.075	1.66	
	19	1.9	1.20	0.075	3.25	
	6	5.0	0.90	0.075	2.53	
	17	2.4	1.2	0.075	3.67	
	3	5.8	2.1	0.075	2.24	
	55	1.2	0.45	0.075	2.20	

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
	21	1.90	1.30	=	45.09
	4	5.45	2.45	=	53.41
	8	3.54	1.45	=	41.06
				T =	2076.34

⑧ Prm. Patches by M.S.S. de

Same area wide item

NO - ⑦ & T.M.S.P - ⑥ = 2076.34

⑨ Prm. Tack coal d

1 x 9 x $\left(\frac{4.9 + 4.15 + 3.75}{3}\right) = 38.40$

1 x 21 x 3.75 = 78.75

22 x 30 x 3.75 = 2350.00

14 x 30 x 3.75 = 1575.00

12 x 30 x 3.75 = 1350.00

8 x 30 x 3.75 = 900.00

1 x 13.55 x $\left(\frac{6.2 + 3.75}{2}\right) = 67.41$

T = 5359.56

⑩ Prm. S.D. Belu de

Same area wide

Item no - ⑨ & T.M.S.P

P - ⑥ i.e.

5359.56 x 0.025 = 133.99

⑪ Prm. and finey K.M.P
2004 Part

① ordinary K.M.P Part = 2 Hrs

② 2004 Part = 6 Hrs

ABSTRACT OF COST

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
① Clearing and grubbing Rd bund — do				
Qty wide P- ① of rms				
0.280 Hm ² @ ₹ 72697.86/H ²				20355.20
② Prov. and fix MK wgs & timber Board				
Qty wide P- ① of rms				
4 Nos @ ₹ 11569.03/each				46276.12
③ Const of subgrade & of shoulders — do				
Qty wide P- ② of rms				
844.15 H ³ @ ₹ 263.32/H ³				222282.00
④ Prov. WSB gr-IND				
Qty wide P- ② of rms				
62.17 H ² @ ₹ 3901.18/H ²				242536.00
⑤ Prov. WBM gr-IND				
Qty wide P- ⑤ of rms				
115.26 H ³ @ ₹ 5563.15/H ³				643990.00
⑥ Prov. Prime wat d				
Qty wide P- ⑤ of rms				
1543.47 H ² @ ₹ 45.49/H ²				70212.00
⑦ Prov. Tack w/d				
2076.36 H ² Qty wide P- ⑦ of rms				
+ 5359.56 H ² Qty wide P- ⑥ of rms				
7435.92 H ² @ ₹ 21.19/H ²				157567.00
⑧ Prov. Patches by MSE				
Qty wide P- ⑧ of rms				
2076.36 H ² @ ₹ 295.68/H ²				613917.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Iron, S.D. B.C. ... Qty vide P-⑧ forms 133.991 ³ @ ₹ 14911.447 ³ =					1997987
⑩ Iron and fix key Post — do — Qty vide P-⑧ forms 2 Nos @ ₹ 4379.48/each =					6165
⑪ Iron and fix 2011 Post Qty vide P-⑧ forms 6 Nos @ ₹ 843.48/each =					5061
⑫ Iron and fix boundary pillars — do — Qty vide P-⑧ forms 56 Nos @ ₹ 681.87/each =					38185
⑬ Iron and fix retro reflective iron boundary Qty vide P-⑧ forms ① 600 mm equilateral site 12 Nos @ ₹ 4460.74/each =					53529
⑭ 600 mm circular 2 Nos @ ₹ 4379.87/each =					8760
⑮ 600 x 450 mm rectangle 4 Nos @ ₹ 4235.73/each =					16943
⑯ 900 mm octagonal 1 No @ ₹ 8680.47/each =					8680

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Pav. road masonry with hot-applied thick plastic paint - do Qty vide P-9 of MS $296714 \text{ m}^2 @ \text{Rs } 78424/\text{m}^2 =$					232840
(15) Pav. and fly doeretry and place identification board - do Qty vide P-4 of MS $5.26 \text{ m}^2 @ \text{Rs } 14917.45/\text{m}^2 =$					86280
(16) Planting of trees with one year growth Qty vide P-9 of MS $23 \text{ Nos } @ \text{Rs } 1198.18/\text{tree} =$					27558
					T = $\text{Rs } 4499113$
(17) Add L.C. 1% = $\text{Rs } 44991$					539894
(18) Add net @ 12% = $\text{Rs } 809840$					809840
(19) S.F @ 10% m Mat = $\text{Rs } 35247$					35247
					T = $\text{Rs } 538919$
less 10% as per specul					538919
					T = $\text{Rs } 4850272$
					$\frac{600}{250000}$ $\frac{92}{238}$ $\frac{72}{238}$

L.No 126 dt - 18/9/23

Attol - Continuation 4850272

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement</u>					
① S/Metal	=	192.29 m ²			28844
② S/chips	=	247.67 m ²			37150
③ K. Sand	=	22.38 m ²			1678
④ g/w	=	896.15 m ²			27857
⑤ S/dust	=	33.92 m ²			1018
⑥ Waste plaster	=	315.60 kg			9654
⑦ SS1	=	1.310 m ²			
⑧ RS1	=	2.045 m ²			
⑨ Bitumnt Kg 10	=	3.629 m ²			19.090
Vn-30	=	15.460 m ²			

g/w
23/08/23

g/w
25/8

Bitumin.

Contra No.	Dtd	Qty.
Vn-30		
BH 55200 48790	21/06/23	7.800
Bit 55200 52729	24/06/23	7.800
Used Qty	=	15.600
Balance	=	0.140 m ²

Vn 10-		
BH 55200 52832	24/06/23	4.056 m ²
Used Qty	=	3.629 m ²
Balance Qty	=	0.427 m ²

Concrete

SS1		
JBS 23-24/000344	21/08/23	1.400 m ²
		1.810 m ²
		0.090 m ²
		2.600 m ²
RS1 -11		
Used Qty	=	22.045
Balance	=	0.045 m ²

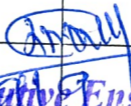

g/w
23/08/23

Continuation
g/w
25/8

1st on A/c Bill
 ₹ 4850272 =

Sch. XLV-Form No. 134

Memo of Payment

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8%	SD			388022	
1%	I. Tax -			48503	
1%	L. cess -			48503	
1%	C. GST -			48503	
1%	S. GST -			48503	
	Royalty -			96547	
	S. fee -			352472	
				<u>713828</u>	
	Chaque			4136444	
				<u>4850272</u>	
Vr NO-02 dt 4/10/23 Total					4850272
Passed for Rs					4850272
(Forty eight lac fifty thousand two hundred					
seventy two) only.					
 Executive Engineer Rural Works Department Works Division, Jaynagar 26/9/23					
 29/9/23					