

MMSY (MEN) Mathura PWD to
Gosai Pw

Agreement No. 14 SBD / 2022-23

Measurement Book

Schedule XLV-Form No. 134

523

ग्रामीण कार्य विभाग

DIVISION

कार्य प्रभेडल वैलर्संड

ग्रामीण कार्य विभाग

SUB-DIVISION

कार्य अवर प्रभेडल

सुप्पी

MB No. 523

1st on A/C Part 11

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -					Construction
On works 5 years mortgagor					
Road from Matheran to					
PWD To Nagpur Dist					
Under Ministry (CEN)					
Scheme.					
Agency = Chiplon Indus					
Shekar					
Agreement 2 14/03/2022					

Date of start = 25/03/22

Comp = 24/03/23

Measurement Details

1) Setting out pillar

Position & Fixing of column

Reckon 0.11m of 20 m

Reference p11/1c - d - e2

Height B/pillar = 0.550m

Reference pillar = 0.550m

Plotted
100
416

Continuation

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2

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) clarity and visibility					
Road land including					
uposity area - 10.82					
$2 \times 5 \times 30.6 \times 2.5 = 750.00$					
$2 \times 6 \times 30.6 \times 2.8 = 900.00$					
$2 \times 7 \times 30.6 \times 3.00 = 1058.00$					
$2 \times 1 \times 10.6 \times 3.10 = 62.00$					
$\sum 2762.6$					
$= 0.2762 Hectare$					
(3) Bounding for recording					
inset mixed - 10.82					
$2 \times 16.6 \times 0.375 \times 0.10 = 1.20$					
$2 \times 9.60 \times 6.375 \times 0.1 = 1.425$					
$2 \times 6.58 \times 6.725 \times 0.1 = 0.942$					
$\sum 4.567$					
Total 3.562					
18/8					
Note					
Drawing					
Shaded					
100					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Earthwork quantity sheet</u>					
CH	Area Measured	Avg	Per	Value	
0-00	763				
58.60	0.968	0.836	50	41.725	
150.60	1.423	1.166	50	58.225	
150.60	1.333	1.380	50	68.00	
200.6	1.340	1.239	50	66.945	
250.6	1.536	1.438	50	71.900	
300.6	1.385	1.461	50	73.025	
350.6	1.921	1.653	50	82.650	
400.6	1.829	1.893	50	94.625	
450.6	0.621	1.243	50	81.125	
500.6	0.791	0.681	50	34.050	
550.6	1.286	1.014	50	50.625	
<u>QTY</u>				<u>705.025 m^3</u>	
<u>(4.) Cost of embankment</u>					
<u>with cost per m³ material - 65/-</u>					
<u>- - - 65/-</u>					
<u>for 1000 m³ Pcced</u>					
<u>= $705.025 \times 65 \%$</u>					
<u>= 169.986/-</u>					
<u>For 100 m³ 100/-</u>					
<u>= $705.025 \times 76 \%$</u>					
<u>= 535.88 m³</u>					

Particulars
27/09/23

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) area of subgrade and bottom slopes with respect to observed - 10. 62					
Perimeter					
(5) area of CSR area calculated by multiplying well graded areas 10 - 62 For BT					
60.2430 (60.3 - 75 + 3.30)					
$4 \times 0.2 = 42.3$					
$5 \times 30.0 \times (3.0 + 3.30) \times 0.1$					
$2 = 47.25$					
$4 \times 30.0 \times (3.75 + 3.30) \times 0.1$					
$2 = 42.30$					
$5 \times 30.0 \times (3.75 + 3.40) \times 0.1$					
$2 = 53.625$					
$8 \times 2.50 \times 0.1 = 2.00$					
$5 \times 5.0 \times 1.50 \times 0.1 = 3.75$					
$10 \times 0.6 \times 2.0 \times 0.1 = 1.20$					
$1 \times 20.0 \times 2.75 \times 0.1 = 7.50$					
Total 214.725					
(P.A - 214.725)					

Continuation
29/03/23
PP

Padd
909
29/03/23

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Boundary of 65BmD Spreading and compact Stone aggregate 65BM D For PCC					
$24 \times 30 \times 0.6 \times (3.75 + 3.30) \times 0.075 = 15.882 \text{ m}^3$					
$9 \times 30 \times 0.6 \times (3.75 + 3.30 + 3.10) \times 0.075 = 68.51 \text{ m}^3$					
$17 \times 20 \times 0.6 \times 3.75 \times 0.075 = 39.187 \text{ m}^3$					
129.187 m^3					
(7) Boundary of 65BmD Spreading and compact - ab - 82 For PCC					
$24 \times 50 \times 0.6 \times 0.375 \times 0.1 = 3.75$					
$12 \times 2 \times 3.95 \times 0.1 = 1.58$					
5.33 m^3					
Partial 10/22 10/11/22	(partial) 12/10/22 Continuation Q22				

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	

⑧ Boundary laying spreading
area covered by 45 B.M. II
— 1. — 22

For PCC

$$27.25 \times (3.75 + 3.80 + 4.85)$$

$$\times 0.05 = 15.50 \text{ m}^3$$

$$\text{Area} = 14.34 \text{ m}^3$$

10/11/23
10/11/23 Rain
10/11/23

⑨ Construction of Under
water covered concrete

$$16.00 \times (2.60 + 3.30 + 3.75) \times$$

$$3 \times 0.160 = 8.23 \text{ m}^3$$

$$19.60 \times (3.4 + 3.45 + 3.89) \times 0.160$$

$$3 \times 10.79 = 32.37 \text{ m}^3$$

$$6.50 \times (4.85 + 4.95 + 3.65)$$

$$3 \times 0.160 = 4.862 \text{ m}^3$$

$$\text{Total} = 23.68 \text{ m}^3$$

10/11/23 Brandy
03/11/23 continuation
R.P.

ABSTRACT OF cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Proprietary and fixity of waterings bench mark pullbar					विवरण
Watering pillar with B.M. bar cyl. value TMB P - ①					रा.
Watering pillar = 0.550/km					कि.मि.
el. 43 92.95/km					टोड़ी
					मयुर
					।
Reference pillar = 6.550/km					तथा
el. 28 32.40/km					मी
2) clearing and grubbing					
2) Ready land preparation					
el. 17.62 Ha					
cyl. value TMB P - ②					
el. 0.27 62 Ha					
el. 49 739.40/Ha					
3) Road cutting & levelling					
in 80% methods					
el. 17.62 TMB P - ②					
el. 3.56 m ²					
el. 81.30 - 14 289.60					

Continuation

RP 17561.0

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17561.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4) Construction of Bazaar near town meadow of obligation - 10 - ER					
City wide TMBP - ③					
① Length 1600m					
City = 160.209 m ²					
Rs. 187.50 - 10 31728.00					
⑤ Length 150m					
City = 535.82 m ²					
Rs. 142.62 - 10 76418.00					
5) Construction of Bazaar					
6) By property of land of local grantees - ER					
City wide TMBP - ④					
City = 219.725 m ²					
Rs. 3017.98 / m ²					
Rs. 647975.00					
6) Boundary line of property of CJSR - 10 - ER					
7) of 173m 10' - 10 - ER					
City wide TMBP - ⑤					
City = 129.184 m ²					
Rs. 3671.86 - 10 424345.00					

Continuation

1248027.00

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9 1248207-6

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7 > Oohsz of 658 882					
11 by 500 ft by 400 ft					
Street - d = 10					
cty. value TrmB - 9-5					
cty = 5.33 m ²					
el. 3013. 98/m ²					
					16086.00
8 > Boundary of 400 ft					
12 compact of 650 m ²					
l = 50					
cty. value TrmB - 5					
cty = 15.50 m ² 14.34 m ²					
el. 3671.86/m ²					
					52654.00
9 > West of Unreformed					
13 planned construction					
					00
cty. value TrmB - 9-6					
cty = 23.68 m ²					
el. 8223.17/m ²					
					194724.00
15.					1511441.00

Continuation

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Materials and methods

$$\frac{g}{c_0} = 705.62 \text{ cm}^3$$

2/9 23.7/m³ - 1016716.0,

Stone Mead

$$53m \rightarrow 28.5m = 92.42m$$

~~Off 467.20~~ - # 43178.00

$$26.5 \text{ m} + 94.75 \text{ m} = 121.25 \text{ m}$$

210509.67 - R60584.4

$$2.36 \text{ mm below } = 52.813$$

Specimens of Soil

44-191-98-10 10/39.00

$$53 \text{ mm} + 22.4 \text{ mm stone} = 75.66$$

el 467.20 - 14 81 34.0

Continuation

Organization
1981/731-0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	R8	15' 11	991.00		
Se Peso 0.11% (+)		16 63	.00		
corpor A					
	R9	15' 09	828.00		
say	R9	15 09	828.00		
Plot	03	03	11	02	03
03	11	03	11	02	03

Material Schedule

$\text{C/S} = 705.625 \text{ m}^3$
$\text{C/S} 23.71 \text{ m}^3 - \text{Rs } 16716.00$
<u>Stone Model</u>
$53 \text{ mm to } 28.5 \text{ mm} = 92.42 \text{ m}^3$
$\text{Rs } 1967.20 - \text{Rs } 43178.00$
$26.5 \text{ mm to } 4.75 \text{ mm} = 118.83 \text{ m}^3$
$\text{Rs } 509.67 - \text{Rs } 60584.00$
$2.36 \text{ mm below } = 52.813 \text{ m}^3$
<u>Stone Model of Stone</u>
$\text{Rs } 191.98 - \text{Rs } 10139.00$
$53 \text{ mm to } 22.4 \text{ mm Stone} = 172.66 \text{ m}^3$
$\text{Rs } 467.20 - \text{Rs } 81137.00$

Continuation

Rs 211731.00