

MIMSY (JEN) Mathura PWD to
Gosai PWD

Agreement NO - 14 SBD/2022-23

Measurement Book

Schedule XLV-Form No. 134

523

ग्रामीण कार्य विभाग

DIVISION

कार्य प्रमंडल वेल्संड

ग्रामीण कार्य विभाग

SUB-DIVISION

कार्य आवर प्रमंडल
सुप्पी

MBNO - 523

1st ON A/c Drill

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.	
Home of block - Const. of					
CD work 5 years maintenance					
Road from Matheran to					
2nd to 1000 ft per path					
Under MMSY (1000)					
Scheme.					
Agency = Chandan Insigh					
Shekar					
Agreement 2 14/03/22					

Date of start = 25/6/22

Comp = 24/03/23

Measurements Details

1) Setting out pillar
 Position & fixing of work
 Benchmark pillar at 200 ft
 Reference pillar - do - 82
 Height B/pillar = 0.550 km
 Reference pillar = 0.550 km

4/1/23

Continuation

Continuation

हेतु
मुनि

CG
CF
inc
der
id
rou
ib
e
Ma
yl
lai
da
be
B
e
N
b

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Earthwork for 1.77 m					
Ch	809	1.007	1.007	1.007	Volume
0.00	0.763				
50.00	0.968	0.836	50		41.77
100.00	1.173	1.166	50		58.27
150.00	1.333	1.380	50		69.00
200.00	1.340	1.339	50		66.94
250.00	1.536	1.438	50		71.90
300.00	1.385	1.461	50		73.02
350.00	1.921	1.653	50		82.65
400.00	1.824	1.893	50		94.64
450.00	0.621	1.243	50		81.14
500.00	0.771	0.681	50		34.05
550.00	1.286	1.014	50		50.63

$$\text{Qty} = 705.025 \text{ m}^3$$

(4) Const of embankment
with other material - do
- - - - -
for 1000 m length
= 705.025 x 24%
= 169.206 m³
for 100 m length
= 705.025 x 76%
= 535.82 m³

Worked
20/09/23
20/10

Continuation
27/09/23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Cost of Kullbore and Barren Skewer with appropriate charges - etc. etc.					
(5) Cost of CSB RT 8000 by primary well grouted masonry etc. etc. For BT					

				$4 \times 0.2 = 42.3$
				$5 \times 30.0 \times (3.0 + 3.30) \times 0.1$
				$2 = 47.25$
				$4 \times 30.0 \times (3.75 + 3.30) \times 0.1$
				$2 = 42.30$
				$5 \times 30.0 \times (3.75 + 3.40) \times 0.1 =$
				$2 = 53.625$
				$8 \times 2.50 \times 0.1 = 2.00$
				$5 \times 5.00 \times 1.50 \times 0.1 = 3.75$
				$10 \times 0.6 \times 2.0 \times 0.1 = 1.20$
				$1 \times 20.0 \times 2.75 \times 0.1 = 7.50$
				Total 214.725
				(PA) - 214.725

Pand
29/09/23

Continuation
29/09/23
PR

Sch. XLV-Form No. 134

5

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6) Provisioning, laying spreading and compacting stone aggregate LBSM II for PCC					
2 x 30 x 3.75 x 3.3					
					$0.575 = 15.882$
9 x 30 x 3.75 x 3.30 x 3.15					
					$0.575 = 26.851$
5 x 30 x 3.1 x 3.6 x 3.75					
					0.575
1 x 20 x 3					$= 39.187$
					$0.575 = 5.625$
					129.184
7) Provisioning of LBSM II by foot soldier - 10 - 10 For PCC					
2 x 50 x 0.3 x 0.1 = 3.75					
2 x 2 x 3.95 x 0.1 = 1.58					
					5.33

Prepared
10/10/23
10/10/23

Continuation
12/10/23
10/10/23

[illegible]

Q.1	Calculation of Un-saturated
	water content
	100 - 62
16.00	$\times (2.60 + 3.30 + 3.75) \times$
	3
	$0.160 = 8.23$
19.60	$\times (3.40 + 3.45 + 3.80) \times$
	3
	$= 10.79$
6.50	$\times (4.85 + 4.95 + 3.65)$
	3
	$\times 0.160 =$
	$= 4.8625$
Total	23.6823

03/11/23

Pravda
03/0000
02

ABSTRACT OF COST

7

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Provision and fixing of working benchmark pillar — — — — —					
working pillar and B/pillar					
Qty under TMB P-①					
Qty working pillar = 0.550 km					
Rate 4392.95/km					
— — — — —					
Reference pillar = 6.550 km					
Qty. 2832.40/km					
— — — — —					

2) clearing and grubbing					
2) Road and drainage					
— — — — —					
Qty under TMB P-②					
Qty = 0.2762 Ha					
Rate 49739.42/Ha					
— — — — —					

3) BOP cutting & spreading					
in 80% material — — — — —					
Qty under TMB P-②					
Qty = 2.58 m ³					
Rate 81.40 — — — — —					

Continuation

RP 17561.0

Sch. XLV-Form No. 134

8

17561-6

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4) Construction of Embankment with widening of oblong - 10 - ER					
Qty wire TMBP - (3)					
④ Length 1000m					
Qty = 169.29 m ³					
Rate 187.50 - 10 31728.0					
⑤ Length 100m					
Qty 2535.82 m ³					
Rate 142.62 - 79 76418.6					

5) Const. of 15 B 8m2					
6) Supply of 1000 m ³ of 1000 m ³ of 1000 m ³ - ER					
Qty wire TMBP - (4)					
Qty = 214.725 m ³					
Rate 3017.98/m ³					
— 647975.0					
6) Providing 1000 m ³ of 1000 m ³ of 1000 m ³ - ER					
Qty wire TMBP - (5)					
Qty = 129.184 m ³					
Rate 3671.86 - 79 474345.0					

Continuation

1248027-0

9

1248207-6

Continuation

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

$$E/c = 705.625 \text{ m}^3$$

Stone Metal

467.20 — 43178.00

216	509.67	—	22	60584.6
-----	--------	---	----	---------

~~to store~~ Green of Sand

53 m on to 22.4 m stone = 173.66

el 467.20 — 19 81/34w

Continuation

7P 21731-6

material statement

$\text{ft}^3/\text{m} = 705.625 \text{ m}^3$

$\text{@ } 23.71/\text{m}^3 \rightarrow 16716.00$

stone metal

$53 \text{ mm to } 28.5 \text{ mm} = 92.42 \text{ m}^3$

$\text{@ } 467.20 \rightarrow 43178.00$

$26.5 \text{ mm to } 4.75 \text{ mm} = 118.83 \text{ m}^3$

$\text{@ } 509.67 \rightarrow 60564.00$

$2.36 \text{ mm below} = 52.81 \text{ m}^3$

stone gravel 5mm

$\text{@ } 191.98 \rightarrow 10139.00$

$53 \text{ mm to } 22.4 \text{ mm stone} = 172.66 \text{ m}^3$

$\text{@ } 467.20 \rightarrow 81134.00$

74 21731.0