

Name of work: _____
 Date of completion: _____
 Date and date of agreement: _____
 (The above facts should be repeated at the commencement of the measurements relating to each work)

Particulars	Details of actual measurement				Contents (Area)
	No.	L	B	D	
Name of work: RMVVS Road Lohradib to Rayandib					
Abnormal Condition: Pits in Panyar Village - Panyar, Dist. Kolhapur 22/30/21					
Date of work start: 29-01-2021					
Date of Completion: 28-10-2021					
Agreement no: 42/MMVVS/550/2021					

1st on A/c bill

(1) Clearing and Grabbing road
 Land - do - do

$$\begin{aligned}
 2817 \times 30 \times 3.50 &= 3520 \text{ m}^3 \\
 281 \times 5 \times 3.50 &= 95 \text{ m}^2 \\
 \hline
 &3605 \text{ m}^2 \\
 &\text{or } 0.96 \text{ Hect}
 \end{aligned}$$

(2) Providing dismantling of
 existing structure - do - do

P.C.C. $6 \times 4 \times 0.40 \times 11.4 \times 0.15 = 1.795$
 Stonework masonry
 $3 \times 2 \times 4 \times 20 \times 0.825 \times 2.50 = 9.975$

Hume pipe upto 600mm dia
 $3 \times 1 \times 7.50 = 22.5 \text{ RM}$

(3) Providing and laying P.C.C.
 pipe dia 500mm dia - do
 $2 \times 1 \times 3.50 = 7.0 \text{ RM}$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(3) Bounding new M.C.C.					
(i) G.W. to ...					
(ii) Bounding M.C.C. (1:2.5:5) ...					
levelling in foundation - do - do					
$3 \times 2 \times 3.90 \times 1.50 \times 0.150 = 4.0365 \text{ m}^3$					
$3 \times 1 \times 5.31 \times 1.50 \times 0.250 = 4.0365 \text{ m}^3$					
8.5365 m³					
(iii) R.C.C. in substructure - do - do					
$3 \times 2 \times 3.60 \times 0.70 \times 2.70 = 42.034 \text{ m}^3$					
$3 \times 2 \times 3.60 \times 0.40 \times 0.60 = 5.184 \text{ m}^3$					
47.218 m³					
Less for pipe					
$3 \times 2 \times 0.45 \times 0.850 \times 0.550 = 1.719 \text{ m}^3$					
45.499 m³					
(iv) Bounding and laying R.C.C. pipe					
N.B. - do - do					
$3 \times 3 \times 2.50 = 22.5 \text{ m}$					
(v) Bounding painting on parapet					
N.B. - do - do					
$0 \times 2 \times 3.60 \times 0.40 = 8.64$					
$3 \times 4 \times 3.60 \times 0.60 = 8.64 \times 25.92$					
$3 \times 4 \times 0.40 \times 0.60 = 2.88$					
37.44 m²					
(6) Construction of embankment					
with material obtained from borrow pit - do - do					
Ch	Fill Area	Depth	Distance	Fill Volume	
0	0.901				
50	1.758	1.330	50	66.475	
100	4.309	3.359	50	127.925	
150	1.505	3.111			
200	1.291	3.125	50	156.750	
250	1.300	1.300	50	68.000	
300	1.200	1.315	50	65.725	
350	0.800	1.072	50	53.575	

Continuation

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Continuation

Particulars	Quantity	Unit	Rate	Amount
1. Subgrade				
100	1.07	50		53.50
150	1.252	50		62.60
200	1.324	50		66.20
250	1.378	50		68.90
				823.475 m ³
(4) Construction of subgrade				
earth shall be 10% to				
2 x 1 x 10 x 30 x 0.375 x 0.075				28.68
2 x 1 x 5 x 0.375 x 0.075				0.28
2 x 17 x 10 x 0.375 x 0.075				
2 x 17 x 10 x 0.375 x 0.100				58.25
2 x 1 x 5 x 0.375 x 0.100				0.375
				67.585 m ³
(5) Construction of granular sub-				
base by providing well graded				
material - 10% to 15%				
1 x 17 x 10 x 0.375 x 0.075				51.125 m ³
1 x 1 x 5 x 0.375 x 0.100				1.875 m ³
2 x 2 x 2.5 x 0.075				
4 x (0.75 + 1.5) x 0.100				0.45 m ³
3 x 3.5 x 0.075				1.05 m ³
2 x 4 x 1.7 x 0.100				1.36 m ³
				196.985 m ³
(6) Providing, laying, spreading				
and Compacting stone aggregate				
- 10% to 15%				
1 x 17 x 10 x 0.375 x 0.075				51.125 m ³
1 x 1 x 5 x 0.375 x 0.075				1.406
2 x 2 x 2.5 x 0.075				0.75
4 x (0.75 + 1.5) x 0.075				0.3375
3 x 3.5 x 0.075				0.7875
2 x 4 x 1.7 x 0.075				1.02
				147.725 m ³
(7) Providing & filling of 10% of				
material - 10% to 15%				
3 no				
13/3/21				
A.E.				

Continuation

② Clearing & Walling material
 @ vide item no (1) - P(1) of TMB

0.56 Ha @ Rs 240.24 - Rs 13653 = 0

<2> Dismantling

@ vide item no (1) - P(1) of TMB

P.C.C. 1.75 m @ Rs 493.81 - Rs 864 = 0

Stone/brick masonry

51.75 m³ @ Rs 235.98 - Rs 12269 = 0

Home pipe up to 600mm dia

22.5 m @ Rs 181.13 - Rs 4075 = 0

<3> R.C.C. pipe duct

@ vide item no (1) - P(2) of TMB

20RM @ Rs 874.73 - Rs 17495 = 0

<4> new H.P. Culvert

<1> E/W

<1> E/W - 46.385 m³ @ Rs 279.09 - Rs 13117 = 0

<11> P.C.C. 2.505 m³ @ Rs 1420.46 - Rs 37739 = 0

<111> P.C.C. 13.499 m³ @ Rs 585.99 - Rs 205957 = 0

<1111> R.C.C. pipe N₃ -

22.5 m @ Rs 1994.46 - Rs 44882 = 0

<11111> painting on parapet

37.44 m² @ Rs 100.46 - Rs 3772 = 0

<5> Const. of embankment with

materials obtained from borrow

pit 823.475 m³ @ Rs 190.36 - Rs 156757 = 0

@ vide item no (5) - P(2,3) of TMB

<51> Subgrade, leanthum shoulder

@ vide item no (5) - P(2) of TMB

67.585 m @ Rs 192.04 - Rs 12979 = 0

<511> Granular sub-base

@ vide item no (5) - P(2) of TMB

Continuation

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Sct XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	A	B	
196.985 m @ P 2097.08 - P 413093 = 00				
(e) Binding laying and compacting stone aggregate				
Oxydite item no (g) - P (3) at mmB				
147.1385 m @ P 3110.57 - P 459551 = 00				
(g) mmgy project				
Oxydite item no (g) - P (3) at mmB				
3 no @ P 9470 - P 28320 = 00				
P 10,59,960 = 00				
A 217.5121 - P 175195 = 00				
Red Labour cost - P 14560 = 00				
Seigniorage fee 10/- P 28358 = 00				
Loss 1.02 seigniorage mmB P 16,18,073 = 00				
Loss 1.02 seigniorage mmB P 16,61,292 = 00				
Pay P 13,11,111				
C.P. Muzam P 2,26, बलियाना				
सिपायिक कार्य विभाग डिप्टी				