

MMGSY (SC) LO28 to Ghoryara - 2.247 km
Ag.No- 11 SBD/21-22

Shedule XLV Form No. 134.

Sherghati

DIVISION

Sherghati

SUB-DIVISION

Asharajay Kumar Singh

Measurement Book

1358

2nd and final B.M.

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Name of Work.	Construction of road				
from	L028 to ghoryara Under NHMSY				
2) Agency.	Dhananjay Kumar Singh				
	Village Bakan, Aurangabad				
3) Agreement on	1/SEP/2021-2022				
4) Date of Work starts -	9.7.2021				
	Date of Measurement				
1) Excavation of road work.	for Box cutting at road side				
2x	24	25	0.375	0.1782	78.78
2x	1x	10	0.375	0.1752	1.312
	Total				80.0624
2) PW Construction of subgrade	and earthen shoulder at side				
	$48 \times 25 \times \frac{7.5 + 3.5}{2} \times 0.30 = 2880 M^3$				
	$1 \times 95 \times \frac{7.5 + 6.5}{2} \times 0.30 = 52.50 M^3$				
	$1 \times 23 \times \frac{7.25 + 6.5}{2} \times 0.30 = 47.44 M^3$				
	Total				2979.94
3) PW G.S.B. with gradings	Material I side - do - T/S				
	$2 \times 29 \times 25 \times 0.375 \times 0.102 = 13.12 M^3$				
	$2 \times 14 \times 0.375 \times 0.102 = 0.300 M^3$				
	$11 \times 25 \times 3.75 \times 0.102 = 103.12 M^3$				
	$1 \times 10 \times 3.75 \times 0.102 = 3.75 M^3$				
	$12 \times 25 \times 4.05 \times 0.202 = 243.00 M^3$				
	$5 \times 25 \times 4.05 \times 0.202 = 101.25 M^3$				
	$4 \times 25 \times 4.05 \times 0.202 = 81.00 M^3$				
	$1 \times 10 \times 4.05 \times 0.202 = 8.10 M^3$				
	Total				548.64

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10) Boundary pillar. R. e. e. M. etc. etc. etc.		44 m			
11) PW Two coat painting with primer coat etc. etc.					
					$14 \times 6.2 \times 1.8 = 159.24 m^3$
12) PW Construction of Embankment with material obtained from borrow pits etc. etc. etc.					
					$200 \times 25 \times 10 = 50000 m^3$
					Lead 1000 m

					$20 \times 10 \times 5348 m^3$
					$= 1069.6 m^3$
14) PW 110 m x 300 mm deep bedding etc. etc.					
					$110 \times 4 \times 2.5 = 110 m$

JE Rate of Measurement

1) PW Construction of Subgrade & earth shoulder etc. etc. R. e. Rate.

2	20	30	1.48	0.260	$= 482.4 m^3$
24	10	30	1.48	0.260	$= 226.2 m^3$
24	30	75	1.48	0.260	$= 56.55 m^3$
24	15	20	1.48	0.260	$= 15.08 m^3$
					<u>750.23 m^3</u>

JE 1000

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
1) for setting out pillar					
each do. 10					
Qty nbs P-8					
1.86 KM @ 9772.98/m ²					889122
2) Left pillar					
Qty nbs P-8					
1.86 km @ 2242.4/m ²					59382
3) for clearing and grubbing					
road land each do. 10					
Qty nbs P-8					
1.302 Km @ 511.65/m ²					

					666172
4) for Construction of Embankment with material					
do. 10					
Lead 100m					
1569.68 Qty nbs P-13					
@ 170.22 m ³					2,034592
5) for Construction of Embankment with material					
do. 10					
Lead 100m					
1854.98 Qty nbs P-13					
@ 154.39 m ³					2886922
6) for Box cutting of Road					
Ways do. 10					
80.062 m ³ Qty nbs P-13					
@ 75.50 m ³					604422
Continuation					
Total					5696412
— c/r					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			8/P	1,08,22,370	20
25) for Asymmetrical					
31) Structure					
1) Earth concrete					
		0.8 m ³	Qty. n.d.f. (19)		
		@ 480.72/m ³			52882
26) R.C.C. works					
		2.4 m ³	Qty. n.d.f. (19)		
		@ 1166.88/m ³			285620
27) Cement Mortar					
		145.58 m ²	Qty. n.d.f. (19)		
		@ 346.30/m ²			502242
28) for E/W in excavation					
		231.64 m ³	Qty. n.d.f. (19)		
		@ 294.73/m ³			682242
29) for R.C.C. M. 10 W					
		24.52 m ³	Qty. n.d.f. (19)		
		@ 4282.32/m ³			1039962
30) for R.C.C. M. 20 W					
		152.60 m ³	Qty. n.d.f. (19)		
		@ 4501.68/m ³			687312
31) for R.C.C. 20 K Substructure					
		102.72 m ³	Qty. n.d.f. (19)		
		@ 4934.38/m ³			5066282
Total					127501392
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B	D	
					816 1,28,08,2032
24/49) Pw 30mm of dist pipe					
110mt Bly nce R					
@ 254.02/m					829332
38/50) Pw long bedding etc -					
243 m ³ Bly nce R					
@ 512.52/m ³					12882
38/51) Pw filling of 8" and					
Wand etc -					
4230 m ³ Bly nce R					
@ 512.52/m ³					12882
Total					1,28,14,3322
Pw Add Labor Co.					
@ 17					1261932
Add 65 RT @ 128					15138202
Total					1,42,54,2022
Add S.F.					
4.56 - 1425.44 m ³ @ 514.57/m ³					
= 7326502					
W.P.M. 44					
60252 m ³ @ 514.57/m ³					
= 3162192					
Rec from					
808742 @ 82894/m ³					1280202
HIS- 42302					
@ 128.74 @ 521.32/m ³					1674882
Rec HIS/20/18					
252.52 m ³ @ 514.57/m ³					1397102
Total					1,48,12,682

CPA

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Particulars	Details of actual measurement			Contents of area
	No.	L.	D.	
Recd. H ₂ O				14,254.20
152.6 m ³ @ 453.71/m ³				69,298.2
				Total 1,550,866.2
@ 10.4				158,052.2
				Total 1,44,09,257.2
Deduct @ 13.88%				19,69,889.20
				1,04,
				19,95,682.2
				Total 1,24,13,524.2
Deduct P.P.P.				22,27,752.20
				Total 1,01,85,822.2

12/6-2023
JE

12/6/2023
JE

Continuation