

ममस

House of Kallesh Singh to

1043 21/21/81

Shedule XLV Form No. 134.

21/24/1078 21/24-21/21/11/10 21/11/10 21/11/10 21/11/10 DIVISION
21/374-111

21/18/1409 21/18/14-21/11/10 21/11/10 21/11/10 21/11/10 SUB-DIVISION
21/374-121

Measurement Book 689

21/24/81 → 21/24/11 21/24/11 21/24/11 21/24/11 21/24/11

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$2 \times 5 \times 30.00 \times 2.30$		$=$	690.00 m^3
		$2 \times 4 \times 30.00 \times 2.90$		$=$	696.00 m^3
					11736.00 m^3
				$=$	1.17 Ha
5/ F/W in excavation for foundation					
Head wall	4×2	3.90	1.15	0.50	$= 53.82 \text{ m}^3$
Below pile	4×1	5.35	1.13	0.36	$= 8.826 \text{ m}^3$
					62.646 m^3
6/ providing M/c grade levelling					
Circle					
Head wall	4×2	3.90	1.15	0.15	$= 5.382 \text{ m}^3$
Below pile	4×1	5.3	1.13	0.25	$= 6.001 \text{ m}^3$
					11.383 m^3
7/ PCC M/c grade insulation					
- (work)					
Head wall	4×2	3.60	$\frac{1.00 + 0.40}{2}$	0.28	$= 56.044 \text{ m}^3$
Parapet	4×2	3.60	0.40	0.60	$= 6.912 \text{ m}^3$
Less for pile	4×2	0.785	0.83	0.53	$= 7.2296 \text{ m}^3$
					60.66 m^3
8/ providing and laying					
RCC MP3 600mm dia. Hume pipe					
	4×3	2.50		$=$	30.00 m
9/ Box cutting					
	2×10	30.00	0.625	0.10	$= 37.50 \text{ m}^3$
	2×10	30.00	0.625	0.10	$= 37.50 \text{ m}^3$
					75.00 m^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/ Const. of embankment with material obtained from box cutting					
60% of item no 9)					
60% of 75.00 m ³					= 45.00 m ³
11/ Const. of Subgrade					
10 x 30.00 x 2.276 x 0.30 =					654.84 m ³
10 x 30.00 x 2.276 x 0.30 =					654.84 m ³
					1309.68 m ³
a) For Lead up to 1000m					
30% of 1309.68 m ³					= 292.90 m ³
b) For Lead up to 100m					
70% of 1309.68 m ³					= 916.776 m ³
12/ Construction of G.R.B with well graded material					
10 x 30.00 x 4.05 x 0.10 =					243.00 m ³
10 x 30.00 x 4.05 x 0.20 =					243.00 m ³
2 x 10 x 30.00 x 0.615 x 0.10 =					37.50 m ³
2 x 10 x 30.00 x 0.615 x 0.10 =					37.50 m ³
10 x 2.50 x 1.60 x 0.10 =					1.50 m ³
12 x 4.50 x 1.70 x 0.10 =					9.18 m ³
8 x 5.00 x 1.90 x 0.10 =					7.60 m ³
13 x 5.60 x 1.80 x 0.10 =					13.10 m ³
18 x 3.50 x 1.50 x 0.10 =					9.45 m ³
16 x 6.50 x 1.20 x 0.10 =					12.48 m ³
20 x 6.20 x 1.40 x 0.10 =					17.36 m ³
Continuation					631.67 m ³

Abstract of Cost

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Particulars	Details of actual measurement				Co- of are
	No.	L.	B.	D.	
1/ providing cut filling mmsr					
Lugo					
Qty. vide item no(1) P(1)					
				= 1.115	
@ Rs 9500.17				= Rs 19000.	
2/ P & F Bench mark pillar					
Qty. vide item no(2) P(1)					
				= 2 Nos	
@ Rs 3758.88				= Rs 7517	
3/ P & F Reference pillar					
Qty. vide item no(3) P(1)					
				= 6 Nos	
@ Rs 1709.28				= Rs 10255.00	
4/ clearing and grubbing					
Qty. vide item no(4) P(2)					
				= 1.17 Ha	
@ Rs 52970.33				= Rs 61975.00	
5/ E/W in excavation for					
four					
Qty. vide item no(5) P(2)					
				= 62.646 m ²	
@ Rs 279.09				= Rs 17483.00	
6/ providing M/s grade					
levelling course					
Qty. vide item no(6) P(2)					
				= 1.183 m ²	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ B 4660.26					= Rs 53047.00
7/ PCC in Substructure					
Qty. vide item no 7/P (2)					= 60.66 m ³
@ B 5436.54					= Rs 329780.00
8/ providing and laying 600mm dia NB Mure pipe					
Qty. vide item no 8/P (2)					= 30.00 m
@ B 2014.81					= Rs 60444.00
9/ Box cutting					
Qty. vide item no 9/P (2)					= 75.00 m ³
@ B 75.57					= Rs 5667.00
10/ Const. of embankment obtained from box cutting					
Qty. vide item no. 10/P (3)					= 45.00 m ³
@ B 26.68					= Rs 1200.00
11/ Const. of Subgrade					
(a) for Lead up to 100m					
Qty. vide item no 11(a) P (3)					= 392.90 m ³
@ B 192.04					= Rs 75452.00
(b) for Lead up to 100 m					
Qty. vide item no 11(b) P (3)					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				= 916.774 m ²	
@ Rs 155.15				= Rs 42237.00	
12/ Cont. of G.C.					
Qty. vide item no (12/P(3))				= 631.67 m ²	
@ Rs 2350.27				= Rs 484595.00	
13/ Providing, laying W.B.M. G.C. etc.					
Qty. vide item no. (13/P(4))				= 185.624 m ²	
@ Rs 3245.97				= Rs 602530.00	
14/ Cont. of unreinforced concrete					
Qty. vide item no (14/P(4))				= 396.00 m ²	
@ Rs 6027.63				= Rs 2386941.00	
				Rs 5258123.00	
Less 22.11 % below				(Rs 1162571.00)	
				Rs 4095552.00	
Add G.C. 12 %				Rs 491466.00	
Add L.C.B. 1 %				Rs 40955.00	
				Rs 4627973.00	
Chuks					
of A-21					
J.E					

Continuation