

4921 3065 PMGSY & 9241 2101
MMGSY (SC)

Schedule XLV-Form No. 134

Executive Engineer
R.W.D. Works Division

~~Bardhaman-1~~

DIVISION

Bakers

SUB-DIVISION

Measurement Book

M.P. No. 3538-2014 1-2-311R (H. 8-2-14)

4110N A/C Bill.

56 (Cost 2 Part Complete)

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
① Providing and fixing bench					
mark pillars - d-d					
V.P. $\frac{33}{1}$			3 Nos		
@ Rs. 3940.84 each Rs.					11,823.00
② Providing and fixing rel.					
mark pillars - d-d					
V.P. $\frac{33}{2}$			11 Nos.		
@ Rs. 1816.60 each Rs.					19,983.00
③ Clearing and Grubbing					
road land - d-d					
V.P. $\frac{33}{3}$			0.931 Hect.		
V.P. $\frac{42}{3}$			0.0593		
			0.9863 Hect.		
Unit 100.88 Hect.					
@ Rs. 51133.76/Hect. Rs.					50,111.00
④ Earth Work in excavation					
informed trenches d-d					
V.P. $\frac{33}{4}$			255.23 m ²		
@ Rs. 269.32/m ² Rs.					68,765.00
⑤ Providing P.C.C.M/S in					
open foundation - d-d					
V.P. $\frac{33}{5}$			27.87 m ²		
@ Rs. 5529.61/m ² Rs.					1,54,110.00
⑥ Head Wall brick masonry					
in c.m (114) - d-d					
V.P. $\frac{33}{6}$			122.31 m ²		
@ Rs. 5775.57/m ² Rs.					7,06,410.00
C.O. Rs. 10,11,202.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
					Rs. 10,11,202=00.
⑦	Bedding	Ditch local			
	Sand - do do				
	V.P.	$\frac{33}{7}$	17.07 m ²		
	② Rs. 453 = 20/m ²				Rs. 4,736=00
⑧	Providing, laying & fixing				
	600mm ϕ N ₃ Hume Pipe				
	V.P.	$\frac{34}{8}$	22.50 m		
	② Rs. 2595 = 61/m				Rs. 68,401=00
⑨	Providing, laying & fixing				
	1000mm ϕ N ₃ Hume Pipe				
	V.P.	$\frac{34}{9}$	22.50 m		
	② Rs. 3604 = 31/m				Rs. 81,097=00
⑩	Plastering	Ditch C.M. (1/4)			
	V.P.	$\frac{34}{10}$	145.95 m ²		
	② Rs. 17136/m ²				Rs. 25,010=00
⑪	Providing	REC N ₂₀ 1-			
	open foundation - do do				
	V.P.	$\frac{34}{11}$	80.79 m ²		
	② Rs. 6110 = 70/m ²				Rs. 4,93,683=00
⑫	Providing	REC N ₂₀ 1-			
	Sub Structure - do do				
	V.P.	$\frac{34}{12}$	28.00 m ²		
	② Rs. 6296 = 32/m ²				Rs. 1,76,423=00
⑬	Providing	deep holes			
	V.P.	$\frac{34}{13}$	49 Nos.		
	② Rs. 111 = 27 each				Rs. 5,452=00

C.O. Rs. 8,59,004=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				Rs.	18,59,004=00
(14)	Reinforcement				
	N.P.	$\frac{34}{14}$	69.38 kg.		
	@ Rs.	48986=32/t.	Rs.	3,399=00	
(15)	Providing RCC M20				
	In submergent cap				
	N.P.	$\frac{34}{15}$	3.68 m ³		
	@ Rs.	6296=32/m ³	Rs.	23,170=00	
(16)	Back filling with local				
	sand rd-d				
	N.P.	$\frac{35}{16}$	54.00 m ³		
	@ Rs.	453=20/m ³	Rs.	24,473=00	
(17)	Providing filter media.				
	N.P.	$\frac{35}{17}$	2.60 m ³		
	@ Rs.	453=20/m ³	Rs.	9,789=00	
(18)	Reinforcement in Deck				
	Slab rd-d				
	N.P.	$\frac{35}{18}$	0.700 t.		
	@ Rs.	50,036=12/t.	Rs.	35,025=00	
(19)	Providing RCC M25 in				
	Deck slab rd-d				
	N.P.	$\frac{35}{19}$	6.48 m ³		
	@ Rs.	7189=38/m ³	Rs.	46,507=00	
(20)	Providing RCC in				
	coping rd-d				
	N.P.	$\frac{35}{20}$	7.42 m.		
	@ Rs.	408=63/m	Rs.	3,032=00	

C.O. Rs. 20,04,479=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				Rs	20,04,479.00
(21)	Providing and filling				
	joints sealing				
	V.P.	35	1500 M.		
		(21)			
	@ Rs. 3800/M				Rs. 57100.
(22)	Construction of embankment				
	with material				
	obtained from borrow				
	pits lead upto 1000 M				
	V.P.	55	2493.33 m ³		
		(22)			
	Grant to 2441.92 m ³				
	@ Rs. 17500/m ³				Rs. 4,26,873.00
(23)	Const of embankment				
	with material obtained				
	from borrow pits				
	lead upto 1000 M				
	V.P.	55	5817.77 m ³		
		(23)			
	Grant to 5697 m ³				
	@ Rs. 13900/m ³				Rs. 7,96,839.00
(24)	Excavation work in soil				
	with hydraulic excavator				
	V.P.	36	64.50 m ³		
		(24)			
	@ Rs. 7416/m ³				Rs. 4,783.00
(25)	Providing granular sub-				
	base with well graded				
	material of bedding				
	material under				

C.O. Rs. 32,34,545.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25) Continued.				B.F.	Rs 8234,545-00
	N.P.	$\frac{36}{(25)}$	1590.457 m		
	N.P.	$\frac{38}{(1)}$	127.980 m		
			1718.437 m		
				@ Rs. 2913 = 12/m ³	Rs 59,06,013-00
(26) Providing stone metal					
80-300% screening - 1/2					
	N.P.	$\frac{36}{(26)}$	458.496 m		
	N.P.	$\frac{38}{(2)}$	44.44 m		
			802.916 m		
				@ Rs. 3680 = 88/m ³	Rs 29,55,437-00
(27) Providing C.C. Pavement					
M30 1:1:2 sand - 1/2					
	N.P.	$\frac{96}{(27)}$	546.49 m		
				@ Rs. 6990 = 42/m ³	Rs 38,20,055-00
(28) Hand shouldering					
	N.P.	$\frac{38}{(3)}$	375.00 m		
				@ Rs. 473 = 67/m ³	Rs 1,77,626-00
(29) Providing and applying					
primer coat with bitumen					
emulsion (RS-1)					
	N.P.	$\frac{39}{(4)}$	7259.10 m		
				@ Rs. 42 = 43/m ²	Rs 3,08,294-00
(30) Providing and applying					
Jack coat with RS-1					
	N.P.	$\frac{40}{(5)}$	7259.10 m		
				@ Rs. 14 = 43/m ²	Rs 1,04,749-00
				A.O. Rs. 1,56,06,719-00	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				A.F. Rs.	155,06,719:00
(31)	Paving, laying and soling of close graded pavement surface 20mm thick 100% M.S.				
	N.P.	$\frac{41}{6}$	7259.10m ²		
	@ Rs. 214:96/m ²				Rs. 15,60,416:00
(32)	Sign Board				
	N.P.	$\frac{42}{3}$	2 Nos.		
	V.P.	$\frac{55}{6}$	1 No.		
			3 Nos.		
	@ Rs. 9413=54/each				Rs. 28,241:00
(33)	Construction of sub-grade and earthen shoulders lead up to 1000m.				
	N.P.	$\frac{52}{7}$	2125.076m ²		
	@ Rs. 176:86/m ²				Rs. 375,841:00
(34)	575 Km Stone				
	V.P.	$\frac{55}{3}$	1 No.		
	@ Rs. 4215=77 each				Rs. 4,216:00
(35)	Kilometer stone				
	V.P.	$\frac{55}{4}$	4 Nos.		
	@ Rs. 2315=09 each				Rs. 3,260:00
(36)	200m Stone precast and				
	V.P.	$\frac{55}{3}$	11 Nos.		
	@ Rs. 605=40 each				Rs. 6,659:00

C.D. Rs. 1,75,91,352:00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	Rs. 175,91,352=00
(37) Road marking					
	N.P.	55	562.20m ²		
		(3)			
			Up to 560.00m ²		
			@ Rs. 735=44/m ²		Rs. 4,11,846=00
(38) Traffic Sign					
			600 mm. triangular		
	N.P.	55	8 Nos.		
		(8/2)			
			@ Rs. 3987=22 each		Rs. 3,18,998=00
(39) 600 mm circular					
	N.P.	55	6 Nos		
		(8/6)			
			@ Rs. 5114=17 each		Rs. 30,685=00
(40) 600mm x 450mm Size					
			rectangular - 400 -		
	N.P.	55	4 Nos.		
		(8/4)			
			@ Rs. 4998=82 each		Rs. 19,995=00
(41) Boundary marks					
	N.P.	55	28 Nos.		
		(9)			
			@ Rs. 553=14 each		Rs. 15,488=00
(42) Painting on Culvert.					
	N.P.	55	145.95m ²		
		(10)			
			@ Rs. 128=04/m ²		Rs. 18,687=00.
					Rs. 1,81,19,951=00
			Less 0.11% as per		
			agreement.		
					C) Rs. 19,932=00
					C.C. Rs. 1,81,00,019=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	
				Rs. 1	81,00,019=00
Add. G.S.T. 12%				Rs.	21,72,002=00
" Labour 6ss. 1%				Rs.	1,81,000=00
" Service charge fee vide Page No. 50.				Rs.	2,51,582=00
					Rs. 2,07,04,603=00
Less against Paid V. 6				Rs.	1,59,61,898=00
Construction work completed.				Rs.	47,42,705=00
Maintenance start.					
12/05/2021 28/5/2021 28/5/2021 28/5/2021 dy 15/5/21 AR					