

M.B.NO-3160

श्रीगुरुभ्यो नमः

SUB-DIVISION

1428

MEASUREMENT BOOK

7-B-110-3160

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ WBMgs-III Providing, Laying, spreading and compacting stone — — — do — —					
29.85 [6X25X 3.75X0.075 =					42.187
④ Prime coat Providing and applying primer coat with bitumen emulsion (SS-1) — — — do — —					
38X25X3.75 =					3562.50 m ²
⑤ Tack coat Providing and applying tack coat with bitumen emulsion — — do — —					
38X25X3.75 =					3562.50 ²
⑥ mix seal surface Providing, Laying and rolling of dense graded premix — — — do — —					
29.85 [38X25X3.75 =					3562.50m ²
⑦ const of un reinforced plain cement concrete pavement — — do — —					
29.85 [3X25X3.75X0.16 =					45m ³
[1X10X3.75X0.16 =					6
Continuation					
Total					51m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Laying brick setting layer - do - RPS [2 x 28 x 25 x 0.375 = 525 m ²					
(9) Reinforced cement concrete m- 15 grade - Kilometer do -					
(i) Km stone - ant = 3140					
(ii) 200 m stone - ant = 6 NO.					
(10) Reinforced cement concrete m 15 grade boundary pillars - ant = 140 NO.					
(11) Traffic sign Providing and fixing of retro-reflective cautionary, mandatory and informative sign board - do -					
(i) 600 mm circular board - 14 NO.					
(ii) 900 mm equilateral ant = 8 NO.					
(iii) 600 mm x 450 mm rectangular RPS ant = 6 NO.					
(12) Road marking with hot applied Thermoplastic on BT surface RPS [2 x 38 x 25 x 0.10 = 190 m ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Road marking with hot applied Thermo-plastic compound on concrete surface					
— — do — —					
88 [2 x 28 x 25 x 0.10 =					140 m ²
(14) Providing and laying of a reinforced cement concrete pipe duct					
300mm dia					
— do —					
7.5 x 7.5 m					52.50
— — —					37.5 Km
(15) Direction and place identification signs board					
— — do — —					
— — —					ant = 1 No.
(16) Providing and fixing of typical messy informative sign board with logo					
— — do — —					
(i) Logo identification sign board					2 No.
(ii) Citizen information board					2 No.
(iii) Maintenance board					2 No.
Total					6 No.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) H.P. culvert providing cement punning			1.5 mm		
— — — do — —					
Top —	2	6.150	0.40	=	4.920 m ²
Ends parapet	4	0.40	1.2	=	1.920 m ²
may side	2	6.150	0.60	=	7.380 m ²
Total					14.220 m ²
for 4 No. of H.P. culvert					
	4	14.220		=	56.88 m ²
Total =					56.88 m ²
(18) Painting two coats on new concrete surface					
— — — do — —					
2.5X 2X 6.150 X 3.70 =					116.235 m ²
for 4 No. of H.P. culvert					
4X 116.235 =					464.94 m ²
Total =					464.94 m ²
Working 05/10/2021					
JE					
RPSm.					
25-1-2022					
AE					

Continuation

Abstract of cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Setting out pillars					
— do —					
contd					
(A) Bench mark pillars					
Qnt = 2 No.			P-39		
item - (11) @ Rs			3993.88		
			= Rs		7988-
(B) Reference pillar					
Qnt = 7 No.			P-39		
item 11 (B) @ Rs			1830.95		
			= Rs		12817-
② clearing and grubbing					
road canal do					
Qnt = 1.155 hect					
P-39 item - (12)					
@ Rs 50148.52/hect					
			= Rs		579222
③ const. of embankment					
— do —					
(A) For 100 m length					
Qnt = 1902 m ³			P-37		
item - 3(A) @ Rs			130.88		
			= Rs		248934-
(B) For 1000 m length					
Qnt = 1380 m ³			P-37		
item 3(B) @ Rs			155.23		
			= Rs		214217-

Continuation

C/O Total Rs 541878-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ const. of subgrade and earthen shoulder		do			
Qnt = 60.5 m^3	P- (39)				
Item - (13) + Qnt = 456.75 m^3					
P- (41) item - (1)					
= $60.5 + 456.75$					
= 517.25 m^3					
@ Rs 195.94/m ³ = Rs 208039					
⑤ const. of granular subbase - do					
Qnt = 561.99 m^3					
P- (37) item - (4)					
+ Qnt = 4.50 m^3					
P- (41) item - (2)					
= $561.99 + 4.50$					
566.49 m^3					
@ Rs 2909.11 = Rs 1647982					
⑥ Box cutting					
Qnt = 152.25 m^3					
P- (36) item - (2)					
@ Rs 75.43/m ³ = Rs 114842					
⑦ WBM gr - LT					
Qnt = 421.875 m^3					
P- (37) item - (5) +					
Qnt = 42.187 m^3	P- (42)				
Item - (3) = 464.062 m^3					
@ Rs 4341.20/m ³ = Rs 2014586 =					
C/O Total = 4423969					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
⑧ const. of unreinforced 15 plain cement concrete		do		
amt = 373.048 m ³				
P- (36) item - (1) ④			51 m ³	P-42
item - (1) = 4251.048 m ³				
@ Rs 8055.90/m ³				Rs 3005237=
				Rs 3416088=
9) Prime coat				
10 — do —				
amt = 3562.50 m ²				
P- (42) item - (4)				
@ Rs 3598.13/m ²		49.60		Rs 12818338
				Rs 176700=
10) Tack coat				
amt = 3598.13 m ²				
amt = 3562.50 m ²				
P- (42) item - (5)				
@ Rs 16.10/m ²				Rs 57356=
11) Mix seal surface				
12 — do —				
amt = 3562.50 m ²				
P- (42) item - (6)				
@ Rs 245.15/m ²				Rs 873347=
12) Laying brick soiling				
16 Laying — do —				
amt = 525 m ²				P- (43)
item - (8) @ Rs 489.66				Rs 257071=

Continuation

C/G Total Rs 9204531=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Reinforced cement concrete m-15 grade					
Kilometre - - do -					
(i) Km stone					
ent = 3 No. P- (43)					
item 13(i) @ Rs 2379.68					
					= Rs 71392
ii) 200 m stone					
- - do -					
ent = 6 No. P- (43)					
item 9(ii) @ Rs 669.62					
					= Rs 40172
(14) Reinforced cement concrete m-15 boundary pillar					
do -					
ent = 14 No. P- (43)					
item - (10) @ Rs 506.35					
					= Rs 708892
(15) Traffic sign					
do -					
(i) 600 mm circular board					
ent = 14 No. P- (43)					
item 11(i) @ Rs 5597.22					
					= Rs 783612
(ii) 900 mm equilateral					
ent = 8 No. P- (43)					
item - 11(ii)					
@ Rs 6218.52					= Rs 497482
Continuation					
C/Total Rs					94146852

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) 600mm X 450mm rectangular board					
- - - do - - -					
amt = 6 No. P-43					
item - 11 (iii) @ Rs 5447.19					
				= Rs	32683=
6) Road marking with hot applied Thermoplastic on BT surface					
- - - do - - -					
amt = 140m ² P-413					
item - 12 @ Rs 942.89					179149=
				= Rs	186749=
17) Road marking with hot applied Thermoplastic compound on concrete surface					
- - - do - - -					
amt = 140m ² P-414					
item - 13 @ Rs 1048.07					
				= Rs	146729
18) Providing and Laying of reinforced cement					
- 52.50 do - - -					
amt = 52.50 S-Rm P-414					
item - 14 @ Rs 880.74					
				= Rs	33028
				Rs	46238=

Continuation

C/O Total Rs 9819484

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Direction and place identification sign					
— do —					
Qnt = 1 No. P- (44)					
Item - (15) @ Rs 3485.40					
					= Rs 3485=
(20) Providing & fixing of typical masonry sign board					
— do —					
Qnt = 6 No. P- (44)					
Item - (16) @ Rs 9463.30					
					= Rs 56779=
H.P. Cement					
(21) Earthwork in excavation					
— do —					
Qnt = 119.192 P- (37)					
Item - (6) @ Rs 264.02					
					= Rs 31469=
(22) Providing m-15 PCC for plain concrete in open found-					
— do —					
Qnt = 11.848 m ³ P- (38)					
Item - (7) @ Rs 5639.61					
					= Rs 66818=
(23) Brick masonry work in cm (1:4) in					
— do —					
Qnt = 122.428 m ³ P- (38)					
Item - (8) @ Rs 6003.12					
					= Rs 734950=

Continuation

C/O Total Rs 10712985

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Providing & curing RCC pipe NP-3 — do — ent 30 m P-38 item - (9) @ Rs 4093.11 = Rs 122793=					
(25) Plastering with cement mortar — do — ent 267.404 m ² P-38 item - (10) @ Rs 167.38/m ² Rs 44758=					
(26) Providing 1.5 mm cement putty — do — ent 56.88 m ² P-45 item - (17) @ Rs 49.48 = Rs 2814=					
(27) Painting two coats on new concrete surface do ent 464.94 m ² P-45 item - (18) @ Rs 110.65 = Rs 514452					
Total Rs					10934795
less 0.11% as per agreement @ Rs					120282
Total Rs					10922767
less previous bill amount @ Rs					8135307
Total Rs					2787460
Rs 2787460					
25-1-2022 AE					
28/1/22					

Continuation