

(A)

(B)(1) Construction of RCC Bridge Span 3x 21.75m (with Approach Rd 100m) at Ch-100m.

(ii) Construction of

Measurement Book

Roof 100m) at Ch-100m. ^{Bridge Span 3x 21.75m (with Approach Rd 100m)} Schedule XLV-Form No. 134

BALSI

DIVISION

SUB-DIVISION

MGSY

Singmy Contractors and Engineering Pvt. Ltd.

Continuation

B/F = Rs 2964257 = 53

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/36) Bored cast in situ pile of M-35 grade R.C.C. = 608.0m vide Bly TMB p-13 @ Rs 14857 = 36/m = Rs 9033274 = 88					
(5/37) S/F/F HYSD bar reinf. in foundation comp as per draw and T.S. = 101.43 MT vide Bly TMB p-13 @ Rs 53785 = 31/MT = Rs 5455443 = 99					
(6/38) providing steel liner comp. as per draw and T.S. = 14.20 MT vide Bly TMB p-13 @ Rs 75731 = 11/MT = Rs 1075381 = 76					
(7/39) Constructing of Temp Earth island. = 2 Nos vide Bly TMB p-12 @ Rs 53747 = 34/each = Rs 107494 = 68					
(8/40) providing and constructing one span service Road = 65.25 m vide Bly TMB p-12 @ Rs 3413 = 14/Rm = Rs 222707 = 38					
(9/41) Carrying out load Test on any pile (a) initial pile load Test = 1 Nos vide Bly TMB p-13 @ 1,50,000/each = Rs 1,50,000 = 60 (b) Routine pile load Test = 1 Nos vide Bly TMB p-13 @ Rs 1,25,000/each = Rs 1,25,000 = 60					

Continuation

C/O-Rs 19133560 = 22

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Horizontal pile load Test					
= 1 Nos vide Qty TMB p-13					
@ Rs 1,00,000/each =					Rs 1,00,000 = 00
⑩/42 providing and laying R.C.C. m-30 grade conc in substructure comp as per draw and TS up to 5.0m height					
= 194.338 m ³ vide Qty TMB p-14					
40.22 m ³ vide Qty MB-1308 p-50					
T = 234.558 m ³					
Limit to 232.10 m ³					
@ Rs 6886.19/m ³ =					Rs 1 598 284 = 70
⑪/43 providing and laying R.C.C. m-35 grade conc in substructure					
2.004 m ³ vide Qty TMB p-15					
11.66 m ³ vide Qty MB-1308 p-50					
T = 13.70 m ³ @ Rs 7045 = 59/m ³ =					Rs 96524 = 58
⑫/44 S/F/F HYSD bar reinf in sub structure comp as per draw and TS					
= 29.952 MT vide Qty TMB p-14					
1.982 MT vide Qty MB-1308 p-50					
T = 31.934 MT					
Limit to 31.88 MT					
@ Rs 53939 = 61/MT =					Rs 17 19594 = 77
⑬/45 S/F/F in true line and level					
POT- PTFE Bearing					
= 18 Nos vide Qty TMB page-15					
@ Rs 44956 = 9/each =					Rs 8 09224 = 38

T/O - Rs 23457188 = 65
Continuation

B/F = Rs 23457188 = 65

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14/46) s/f/f in true line and level Elastomeric Bearing					
= 197212.50 cum vide & by MB-1308					
page - 51					
@ Rs 0.79/cum = Rs					155797 = 88
(15/47) providing and fixing weep hole in Abut. & R/Wall					
= 132 Hrs vide & by TMB p-15					
@ Rs 122 = 57/each = Rs					16179 = 24
(16/48) providing Back filling behind Abutment					
= 182.12 m ³ vide & by MB-1308 p-51					
@ Rs 182.12/m ³ = Rs					
@ Rs 750.86/m ³ = Rs					136746 = 62
(17/49) providing and laying filter media behind Abut and R/Wall					
= 93.20 m ³ vide & by MB-1308 p-51					
@ Rs 3116 = 72/m ³ = Rs					290478 = 30
(18/50) s/f/f HYSD bar reinf in Super structure Comp. as per draw and T-5					
= 26.644 MT vide & by TMB p-15					
15.255 MT vide & by MB-1308 p-46					
3.868 MT vide & by MB-1308 p-48					
T = 45.767 MT					
Limited to 44.64 MT					
@ Rs 55140 = 76/MT = Rs					2461483 = 53
					c/o Rs 26517874 = 22

Continuation

B/F = Rs 2,65,17874 = 22

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19/50) providing and laying R.C.C. M-30 in Super structure Comp. as per draw & T.S 152.884 m ³ vide dy TMB P-15 104.952 m ³ vide dy MB-1308 P-47 57.02 m ³ vide dy MB-1308 P-49 T = 314.856 m ³ Limit to 314.41 m ³ @ Rs 7662 = 52/m ³ = Rs 2409172 = 91					
(20/52) providing and laying R.C.C. M-30 Wearing Course = 32.94 m ³ vide dy MB-1308 P-52 @ Rs 12964 = 42/m ³ = Rs 427048 = 00					
(21/53) Constructing of R.C.C. Rolling = 131.12 m vide dy MB-1308 P-52 @ Rs 2996 = 60/M = Rs 392914 = 19					
(22/54) providing and fixing Drain spout = 24 Nos vide dy MB-1308 P-49 @ Rs 441 = 14/each = Rs 10587 = 38					
(23/55) providing and laying p.c.c m-15 leveling course = 8.87 m ³ vide dy MB-1308 P-51 @ Rs 5471 = 95/m ³ = Rs 48536 = 20					
(24/56) providing and laying R.C.C. m-30 App. slab = 20.53 m ³ vide dy MB-1308 P-51 @ Rs 10347 = 06/m ³ = Rs 212425 = 14 c/o-Rs 30018558 = 02 Continuation					

B/f = Rs 30018558 = 02

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25/57) providing and fixing in true line and level streap seal Expansion joint					
= 33.80m vide dy MB-1308 p-52					
@ Rs 10379 = 39/m = Rs					350823 = 38
(26/58) providing and fixing 20mm thick compressive fibre board					
= 33.80m vide dy MB-1308 p-52					
@ Rs 306 = 63/m = Rs					10364 = 10
(27/59) providing and fixing premoulded filler board					
= 33.80m vide dy MB-1308 p-52					
@ Rs 354 = 81/m = Rs					11992 = 58
(28/60) Boulder pitching in slopes					
= 356.38 m ³ vide dy MB-1308 p-54					
@ Rs 3080 = 89/m ³ = Rs					1097967 = 58
(29/61) providing filter material Underneath slope pitching					
= 114.74 m ³ vide dy MB-1308 p-55					
Limite to 112.79 m ³					
@ Rs 3526 = 99/m ³ = Rs					397809 = 20
(30/62) Const. of Embankment with approved materials					
= 1200.0 m ³ vide dy TMB p-12					
@ Rs 175 = 22/m ³ = Rs					210264 = 00
(31/63) providing well graded G.S.B					
= 75.0 m ³ vide dy TMB p-12					
@ Rs 2863 = 96/m ³ = Rs					214797 = 00

C/A = Rs 32312575 = 86
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(32/64) providing and laying R.C. N.P. grade Hume pipe = 30.0m vide dly TMB p-12 @ Rs 3722 = 71/m = Rs 111681 = 30					
<u>Road Work</u>					
(1/65) clearing and grubbing of Road land = 0.14 Hect vide dly MB-1308 P-56 @ Rs 51133.76/Hect = Rs 7158 = 73					
(2/67) Const. of Subgrade and Earthen shoulder with approved materials = 314.63 m ³ vide dly MB-1308 P-57 @ Rs 176.86/m ³ = Rs 55645 = 46					
(3/68) providing and laying well graded G.S.B = 84.45 m ³ vide dly MB-1308 P-57 Limite to 82.62 m ³ @ Rs 2863.96/m ³ = Rs 236620 = 38					
(4/69) providing laying, spreading and compacting WBM Gr-3 = 29.53 m ³ vide dly MB-1308 P-58 Limite to 28.69 m ³ @ Rs 3465 = 23/m ³ = Rs 99417 = 45					
(5/70) providing and applying primer coat with Bitumen emulsion (SS-1) = 393.75 m ² vide dly MB-1308 P-58 Limite to 382.50 m ² @ Rs 43.79/m ² = Rs 16769 = 67					
Continuation of Rs 32839868-85					

Continuation

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Material statement</u>					
p.c.c =		8.87m ³			
40mm Aggregate =		4.25m ³	@ Rs		441.08/m ³
20mm Aggregate =		2.12m ³	@ Rs		550.85/m ³
10mm Aggregate =		0.70m ³	@ Rs		614.17/m ³
Coars Sand =		4.25m ³	@ Rs		150.80/m ³
R.C.C -		40.22m ³	Sub. Struct		
		11.66m ³	Sub Struct		
		161.95m ³	Super struct		
		32.94m ³	Wearing course		
		20.53m ³	App. Slab		
T =		267.30m ³			

20mm Aggregate =	144.0 m ³	@ Rs	550.85/m ³
10mm Aggregate	96.0m ³	@ Rs	614.17/m ³
Coars Sand	= 120.0 m ³	@	150.80/m ³