

10/11/15

318171 400 4 2140721C 4

37157
Schedule XLV-Form No.-134

318171 400 4 2140721C 4 DIVISION

318171 400 4 2140721C 4 SUB-DIVISION

MEASUREMENT BOOK 622

21 945:1 → Sharwan & Sany Considers
Put L.T.C

Is on A/c Bill

Name of Work - Construction of Road in Area
 Situation of work - P. 1 to Rooming St. High
 Agency by which work is executed -
 Date of measurement - 30/9/2020
 No. and date of agreement -
 (These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 setting out piler					
Bench mark piler				03 N	
Reference piler				10 N	
2 clearing and grubbing road bed					
3 Box Cutting					

Hump pipe Culvert. 600mm dia					
E/W excavation in 1st cut					
1	8 x 2	3.90	1.15	1.50	107.64 m ³
	Below pipe 8 x 5.35	1.13	0.365		17.652
					125.292 m ³
2	Providing and placing 25:50 concrete				
	levelling course in foundation				
	H/W 8 x 2	3.90	1.150	0.15	10.764
	8	5.31	1.130	0.25	12.002
					22.766 m ³
3	Plain cement concrete 1:2:8				
	Structure 5 x 2 x 1				
	8	2	3.600	0.100 + 0.100	112.08
	8	2	3.600	0.40 x 0.60	13.824
					125.904
	Glass fibre pipe 8 x 2 x 0.785 x 0.832				
					4.592
					121.312 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 providing and laying Reel					
" Pipe NPS					
8	3	2.50		60.00M	
Hum Pipe - 1000MM dia					
1 E/W in excavation for foundation					
H/W	3x2	6.450	1.400	1.500	8.127M ²
Below Pipe	3	4.850	1.530	0.365	8.125
					89.395M ²
2 providing 15 PCC (1:2:5) at					
leveling course for					
H/W	3x2	6.450	1.400	0.15	8.127
Below Pipe	3	4.931	1.530	0.25	5.658
					13.785M ²
2. plain Cement Concrete in					
Structure					
H/W	3x2	6.15	1.25+0.40x3.18	= 96.80	
for pier	3x2	6.15	0.40	0.60	= 8.856
					105.656
lets for PCC	3x2x0.788x1.23			0.62	= 4.432
					101.224
4 providing Laying Reel Pipe NPS					
	3x3	2.50		= 22.50M	
5 Construction of Carabank with					
approximate					
Cost of material 1k=11.3					
60% of 33.00 =				19.80M ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8.5 Construction of embankment					
with material obtained from borrow pit					
E/W Quantity - Steel					
S.N	Chd	All Area	Mean Area	Dist	Fill Volume
1	0	0.368			
	50	1.151	0.760		37.975
	100	1.529	1.340		67.000
	150	1.298	1.414		70.675
	200	1.065	1.182		59.075
	250	1.230	1.398		69.875
	300	1.255	1.493		74.625
	350	1.414	1.325		66.725
	400	1.293	1.354		67.675
	450	1.034	1.164		58.175
	500	1.016	1.025		51.250
	550	1.723	1.070		53.475
	600	1.308	1.216		60.775
	650	1.048	1.178		58.175
	700	1.022	1.036		51.250
	750	1.180	1.102		53.475
	800	1.093	1.137		60.775
	850	1.350	1.222		58.900
	900	1.120	1.235		51.775
	950	1.187	1.154		55.075
	1000	1.245	1.216		56.825
	1050	1.507	1.376		61.075
	1100	1.482	1.495		61.750
	1150	1.238	1.36		57.675

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1200	1.202	1.220	50	61.000
	1250	1.130	1.166	50	58.300
	1300	1.358	1.244	50	62.200
	1350	1.855	1.607	50	80.325
	1400	1.630	1.743	50	87.725
	1450	0.953	1.292	50	64.575
	1500	1.274	1.114	50	55.675
	1550	1.355	1.815	50	90.725
	1600	1.915	2.135	50	106.750
	1650	1.626	1.771	50	88.525
	1700	2.374	2.07	50	100.000
	1750	1.509	1.942	50	97.075
	1800	1.768	1.639	50	81.925
	1850	1.518	1.643	50	82.950
	1900	1.880	1.699	50	84.950 96.900
	1950	1.996	1.938	50	96.900
	2000	2.253	2.125	50	106.225
	2050	1.504	1.879	50	92.925
	2100	1.289	1.397	50	69.825
	2150	1.043	1.166	50	58.300
	2200	1.134	1.089	50	54.425
	2250	1.073	1.104	50	55.175
	2300	1.987	1.530	50	76.500
	2350	1.231	1.609	50	80.450
	2400	2.277	1.754	50	87.700
	2450	2.128	2.203	50	110.125
	2500	4.616 282	1.705	50	85.250
	2550	1.616	1.449	50	72.450
	2600	0.950	1.283	50	64.150
	2640	0.690	0.820	40	32.800
					3758.200M

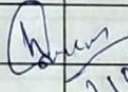
Continuation

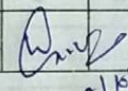
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6 Construction of Subgrade Center					
Shoulder					
	15	20	7.276	0.30	654.84
	15	20	7.276	0.30	654.84
	15	20	7.20	0.30	648.00
	15	20	7.20	0.30	648.00
	15	20	7.25	0.30	652.50
	15	20	7.25	0.30	652.50
	3	20	7.25	0.30	652.50 130.50
	1860				4040.68m ²
7 Construction of Granular Sub					
Base by formula well grade					
	15	20	7.276		
	15	20			
	15	20	4.05	0.200	243.00
	15	20	4.05	0.20	243.00
	15	20	4.05	0.20	243.00
	15	20	4.05	0.200	243.00
	15	20	4.05	0.200	243.00
	11	20	3.75	0.10	82.50
	1	2	3.75	0.10	0.75
	2x 15	20	0.375	0.10	22.50 22.50
	2x 6	20	0.375	0.10	9.00
	2	20	0.375	0.10	1.50 0.75 1.50
	1	8	3.75	0.10	3.00
	1	28	3.75	0.10	1324.50m² 10.50
1st of	22	20	3.00	0.100	19.80
					1264.55m ²
					1121.55m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. Providing laying Spreader and Compacting stone Aggregate					
	15	20	3.75	0.075	84.375
	15	20	3.75	0.075	84.375
	15	20	3.75	0.075	84.375
BT Pond 1170	10	20	3.75	0.075	56.250
	15	20	3.75	0.075	84.375
	15	20	3.75	0.075	84.375
	64	20	3.75	0.075	22.50
	1	18	3.75	0.075	5.062
c/c for 648					565.687
					M ²
14	Construction of impervious cement concrete Pond				

	15	20	3.75	0.16	180.00
	15	20	3.75	0.16	180.00
	4	20	3.75	0.16	48.00
	1	18	3.75	0.16	10.80
					418.80 M ²

K. Reddy 30/9/2020 JE	 31/10/20 M²				
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<u>ROX</u>	Material estimate				
Earth work	7800 M ²	X	33	=	257400/-
Stone Chits	27700 M ³	X	150	=	565500/-
Stone Aggregate	1550 M ³	X	150	=	232500/-
Stone Screening	130.00 M ²	X	150	=	19500/-
					565500/-
K. Reddy 30/9/2020	 31/10/20				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Abstract of Crd.			
1. Setting out pillar - MB p ①					
Benchmark pillar					
03140 CR	3793	10			11379
2. Refill pillar					
10N03 CR	1710	50			17105
3. clearing and grubbing Road land					
3 vide MB p m ①					
1848 Hec CR	5133	76			94495
3 Box cutting					
4 33000 MB CR	7416				2447
4 Construction of embankment					
5 vide MB p m ③					
1980000 CR	26	11			576
5 Construction of embankment					
6 with material obtained from borrow pit p m ④					
848250 MB					
6 1000 M and 2000 M2					
CR	131	03			262060
1/2 1000 M and 1750 M2					
CR	174	94			306145
6 Construction of subgrade and					306145
9 Existing Shoulder p. ⑤					
4040.68 MB	141	17			570423
7. Construction of granular sub base					
10 vide MB p ⑤					
1121.55 MB	2619	40			2264858
PTD					2529428

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8. Providing laying & shading 114 and Compactor Stone Aggregate					
WPM for 3 ft				6	
505.682 MB		CR 2946.0			1491276 1486725
9. Cement concrete Pavement					
15 vide MB p.				6	
418.80 MB		CR 5546.77			2329987
10. E/W in excavation for Fender					
31 vide MB p.				①	
125.292 MB		CR 269.32			33740 33744
11. Providing PCC 11:2:5 in 150 mm					
32 vide MB p.				①	
22.766 MB		CR 4304.12			97988 97988
12. Plain Cement Concrete in					
33 Sub Str.					
vide MB p.				①	
121.312 MB		5042.39			611702
13. Providing and laying PCC					
34 Pipe NPS vide MB p (2)					
60.00 MB		1078.17			64690
14. E/W in excavation for Fender					
36 vide MB p.				2	
89.295 MB		CR 269.32			24076
15. Providing M15 PCC 11:2:5					
37 in Fender vide MB p (2)					
13.785 MB		4304.12			59332
		P.T.O.			8230668
					8235223

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16 plain cement concrete in 843					
38 structure vide M.B. Pn (2)					
101.22413 CR 5042.39					510411 510391
17 providing and laying Rce pipe					
49 H.P.3 vide M.B. P 2					
22.50 H/CRS 3908.06					87931
					B 8828990 8833565
71 Add 134. GWT 8 lbm less B					1142769 116235
					B 9976759
Less 10x. belndn 800 H					9981928 997676
					B 8979083
Krody					8983736
20/9/2020					1616235
JE					7367501

Limit as per Allotment - 1616235 =

S-fee

1. Earth - $7800 \times 3.30 = 25740 =$

2. stone chaps - $377.00 \times 62 = 23374 =$

3. stone Ag - $1550 \times 62 = 96100 =$

4. stone screening - $130 \times 40 = 5200 =$

$150414 =$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo of Payment :-					
① Royalty					40404/-
② S. fee					40406/-
③ I.T 2%					32330/-
④ S.D 5%					80812/-
⑤ P.S.D 3%					48487/-
⑥ C.G.S + 1%					16162/-
⑦ S.G.S.T 1%					16162/-
⑧ L/cess 1%					16162/-
					290927/-
⑨ By cheque					1325308/-
					1616235/-

Passed for Rs 1616235/- (sixteen lakh sixteen thousand two hundred thirty five) only

Executive Engineer

R.W.D. Works Division

Daudnagar (A. bad)

15/12/20

15/12

Continuation