

APPROXIMATE ESTIMATE of Cost to complete with full earth banks.

Description of Works.	Quantities.	Rates.	Amount.
		\$ cts.	\$ cts.
Clearing..... per acre	170	30 00	6,000 00
Close cutting..... do	7	50 00	350 00
Grubbing (including side ditches)..... do	35	80 00	2,800 00
Solid rock excavation..... p. cub. yd.	516,228	2 75	1,419,621 50
Loose rock excavation, say..... do	95,758	1 75	167,573 00
Earth excavation (including borrowing)..... do	1,720,714	0 37	636,664 18
Excavation in off-take ditches beyond Railway limits. do	9,100	0 45	4,095 00
Earth excavation under water..... do	1,000	1 11	1,110 00
Under drains..... p. 100 l. ft.	3,226	55 00	1,774 00
Tunnelling for Railway (sectional area equal to 15 cubic yards to the lineal foot)..... per lin. ft.	515	30 00	15,450 00
Twelve feet tunnels for streams (4 cubic yards per lineal foot)..... do	400	14 00	5,600 00
Eight feet tunnels for streams (2 cubic yards per lineal foot)..... do	650	9 00	5,850 00
Six feet tunnels for streams (1 cubic yard per lineal foot)..... do	800	7 00	5,600 00
Bridge masonry..... p. cub. yd.	2,000	11 00	22,000 00
Crib-work in abutments and piers of bridges (including timber and stone filling)..... do	1,700	2 75	4,675 00
Rip-rap..... do	2,500	2 00	5,000 00
Square Timber—15 in. by 9 in..... per lin. ft.	2,304	0 30	691 20
do 12 in. by 12 in..... do	61,262	0 30	18,378 60
do 12 in. by 9 in..... do	2,932	0 28	820 96
do 9 in. by 8 in..... do	23,165	0 25	5,788 75
do 9 in. by 6 in..... do	39,955	0 25	9,988 75
do 9 in. by 4 in..... do	3,644	0 20	728 80
Piles, driven..... do	1,300	0 50	650 00
8 in. Flatted Timber..... do	8,564	0 12	1,027 68
Pine plank..... p. M. h. m.	28,812	25 00	720 30
Wrought Iron (including bolts, spikes, straps, &c.)... per lb.	45,961	0 13	5,974 93
Cast Iron..... do	11,516	0 10	1,151 60
Ties..... No.	91,200	0 40	36,480 00
Track-laying..... per mile.	38	290 00	11,020 00
Ballasting..... p. cub. yd.	57,000	0 33	18,810 00
Points and crossings..... sets.	8	10 00	80 00
Extra haul, say.....			18,500 00
Wages (with 15 per cent. added), say.....			2,500 00
			2,437,474 55
<i>Works on Contract 14 chargeable to Contract 15.</i>			
Materials delivered:—			
Ties..... No.	192,000	0 40	76,800 00
Track-laying..... per mile.	80	290 00	23,200 00
Ballasting..... p. cub. yd.	160,000	0 33	52,800 00
Points and crossings..... sets.	20	10 00	200 00
Total.....			2,634,674 55

Amount of work on Contract 14 chargeable to Contract 15, \$153,000.00.

JAMES H ROWAN,
District Engineer.