

ENGINEERS' ESTIMATES, AND CONTRACTS ENTERED INTO, FOR
CONSTRUCTION OF LINES FROM INVERCARGILL, ETC.

ENGINEERS' ESTIMATES.

INVERCARGILL AND MATAURA RAILWAY.							
Earthwork:—		£	s. d.	£	s. d.		
Big Cut, lead 45 chs., 9,5000 c. yds. at 1s. 8d. ...	...	7,916	13 4				
30 Waggon at £25 ...	...	750	0 0				
Rails, 35 tons at £8 ...	...	280	0 0				
Sleepers ...	...	175	0 0				
Laying Temporary Way ...	...	131	0 0				
Other Cuttings, 135,438 c. yds. at 1s. 3d. ...	...	8,464	17 6				
Stream Diversions, 10,000 c. yds. at 1s. 3d. ...	...	625	0 0				
Ditches in Cuts, 12,540 c. yds. at 9d. ...	...	470	5 0				
Ditches, top of Slopes, 6,270 c. yds. at 7d. ...	...	182	17 6				
Swamp Ditches, 300 c. yds. at 2s. ...	...	30	0 0				
Sidings, 3 miles ...	...	440	0 0				
Forming Line, 3,176 chs. at 7s. 6d. ...	...	1,191	0 0				
		20,656	13 4				
Contingencies, 12½ per cent. ...	...	2,582	6 8	25,239	0 0		
Bushings:—							
Felling, 31½ acres at £2 5s. ...	...	70	17 6				
Clearing, 31½ acres at £5 ...	...	157	10 0				
Grubbing, 104 chs. at £1 ...	...	104	0 0				
		332	7 6				
Contingencies ...	...	41	12 6	374	0 0		
Road:—							
Excavation, 1,000 c. yds. at 9d. ...	...	37	10 0				
Diversions:—							
Making new Road, 25 chains at £6 ...	...	150	0 0				
Level Crossing, 1 cl., 4 at £87 5s. ...	...	350	0 0				
Level Crossing, 2 cl., 6 at £53 17s. 6d. ...	...	323	5 0				
Level Crossing, 3 cl., 6 at £39 13s. 6d. ...	...	238	1 0				
		1,098	16 0				
Contingencies ...	...	137	4 0	1,236	0 0		
Bridges and Culverts:—							
Excavation, 1,643 c. yds. at 1s. 6d. ...	...	123	4 6				
Outfalls, 1,811 c. yds. at 1s. ...	...	90	11 0				
Stanks at Mataura ...	...	275	0 0				
Timber, 1,364, 3 in. at 30s. ...	...	2,046	0 0				
Piling, 1,510 c. ft. at 3s. 6d. ...	...	264	5 0				
Iron, 23,400 lbs. at 6d. ...	...	585	0 0				
Masonry, 946 c. yds. at £2 ...	...	1,892	0 0				
Coping, 150 c. ft. at 1s. 6d. ...	...	9	15 0				
Puddle, 30 c. yds. at 6s. ...	...	9	0 0				
Loading Culverts, 2,330 c. yds. at 9d. ...	...	87	7 6				
		5,382	2 0				
Contingencies, 12½ per cent. ...	...	672	18 0	6,055	0 0		
Fencing:—							
20 miles on one side, 1,600 chs. at 25s. ...	...	2,000	0 0				
Cattle Stops, 40, at £16 ...	...	640	0 0				
Gates, 40 pairs at £11 ...	...	440	0 0				
		3,080	0 0				
Contingencies ...	...	385	0 0	3,465	0 0		
Carried forward							

		£	s. d.	£	s. d.
Brought forward					
Permanent Way in New Zealand:—					
Ballast, 64,050 c. yds. at 2s. ...	...	6,405	0 0		
Laying, 75,152 c. yds. at 1s. 3d. ...	...	4,697	0 0		
Boxing, 75,152 c. yds. at 9d. ...	...	2,818	4 0		
Sleepers, 87,535, No., at 3s. ...	...	13,130	5 0		
Cartage, 5,240 tons at 10s. ...	...	2,620	0 0		
Ross ...	...	510	0 0		
		30,180	9 0		
Contingencies 12½ per cent. ...	...	3,772	11 0	33,953	0 0
Rolling Stock in New Zealand:—					
Erecting Locomotives, 3 at £75 ...	...	225	0 0		
Carriage Stock, 12 at £25 ...	...	300	0 0		
Waggon, 24 at £10 ...	...	240	0 0		
		765	0 0		
Contingencies, 12½ per cent. ...	...	96	0 0		
				861	0 0
Management ...	...			8,000	0 0
				77,183	0 0
Contractor's Profit ...	...			7,718	0 0
				£84,901	0 0

DUNEDIN AND CLUTHA RAILWAY.							
TAIERI CONTRACT.							
Excavation:—		£	s. d.	£	s. d.		
Cutting in Rock, 22,760 c. ft. at 4s. 6d. ...	...	5,121	0 0				
Cutting in Earth, 300,170 c. ft. at 9d. ...	...	11,256	7 6				
Haulage, 172,040 l. ft. at 3½d. ...	...	2,508	18 4				
" 96,830 l. ft. at 11d. ...	...	4,438	0 10				
" 60,300 c. ft. at 4½d. ...	...	1,130	12 6				
Rails, 35 tons at £8 ...	...	280	0 0				
Waggon, 30 at £25 ...	...	750	0 0				
Sleepers ...	...	175	0 0				
Laying Temporary Way, 2,640 yds. at 1s. ...	...	132	0 0				
Surface forming, 500 chs. at 25s. ...	...	625	0 0				
Side Ditching, 753 chs. at 15s. ...	...	564	15 0				
Forming Line for Ballast, 2,775 chs. at 10s. ...	...	1,387	10 0				
Planting Willows, 14½ miles at £10 ...	...	141	5 0				
Retaining Walls, 4,000 c. yds. at 17s. 6d. ...	...	3,500	0 0				
Excavation for Retaining Walls, 1,000 c. yds., at 3s. ...	...	150	0 0				
Pitching Slopes, 6" thick, 5,900 s. yds. at 4s. ...	...	1,180	0 0				
		33,340	9 2				
Contingencies ...	...	4,167	10 10	37,508	0 0		
Stream Diversions:—							
Cuttings, 16,000 c. yds. at 1s. 3d. ...	...	1,000	0 0				
Pitchings, 200 s. yds. at 4s. ...	...	40	0 0				
Large Ditches, 200 l. chs. at 5s. ...	...	50	0 0				
		1,090	0 0				
Contingencies ...	...	136	0 0	1,226	0 0		
Carried forward							