

CANADIAN PACIFIC

MANITOBA DISTRICT.—

APPROXIMATE ESTIMATE of Cost to complete, at Contract rates and Schedule latter being revised;—Also, approximate cost to complete, at contract rates, the District Engineer, dated the Fifth of March, 1878, and Twenty-Second of

Description of Work.	Contract Rates.	Schedule Quantities.	
		"Solid" Rock, "Loose Rock," and "Earth," quantities being revised.—Cost to complete with Trestle-work.	
		Quantities.	Amounts.
	\$ cts.		\$ cts.
Clearing..... per acre.	30 00	500	15,000 00
Close cutting..... do	50 00	20	1,000 00
Grubbing (including side ditches)..... do	80 00	50	4,000 00
Solid rock excavation..... p. cub. yd.	2 75	525,646	1,445,526 50
Loose rock excavation..... do	1 75	30,900	52,500 00
Earth excavation (including borrowing)..... do	0 37	224,138	82,931 06
Excavation in off-take ditches beyond Railway limits do	0 45	20,000	9,000 00
Under Drains..... p 100 l. ft.	55 00	10,000	5,500 00
Tunnelling for Railway (sectional area equal to 15 cubic yards to the lineal foot)..... p. lin. foot.	30 00	425	12,750 00
Twenty feet Tunnels for Streams (12 cubic yards per lineal foot)..... do	26 00	300	5,200 00
Sixteen feet Tunnels for Streams (8 cubic yards per lineal foot)..... do	18 00	160	2,880 00
Twelve feet Tunnels for Streams (4 cubic yards per lineal foot)..... do	14 00	320	4,480 00
Eight feet Tunnels for Streams (2 cubic yards per lineal foot)..... do	9 00	450	4,050 00
Six feet Tunnels for Streams (1 cubic yard per lineal foot)..... do	7 00	1,300	9,100 00
Bridge Masonry..... p. cub. yd.	11 00	2,400	26,400 00
Crib-work in abutments and piers of bridges (including timber and stone filling)..... do	2 75	380	1,045 00
Rip-Rap..... do	2 00	1,000	2,000 00
Bridge Superstructure—Timber—40 feet span..... per span.	600 00	1	.....
Square Timber—16 in. by 12 in..... per lin. ft	0 33	500	165 00
do 15 in. by 12 in..... do	0 30	84,000	25,200 00
do 15 in. by 9 in..... do	0 30	84,000	25,200 00
do 12 in. by 12 in..... do	0 30	1,000	300 00
do 12 in. by 9 in..... do	0 28	20,000	5,600 00
do 12 in. by 6 in..... do	0 28	140,000	39,200 00
do 9 in. by 9 in..... do	0 25	245,000	61,250 00
do 9 in. by 8 in..... do	0 25	225,000	56,250 00
do 6 in. by 4 in..... do	0 20	84,000	16,800 00
Piles, driven..... do	.....	.....	.....
Round Timber, of size to square—12 in. by 12 in..... do	0 18	260,000	46,800 00
do do 12 in. by 10 in..... do	0 17	44,000	7,480 00
do do 12 in. by 9 in..... do	0 17	16,000	2,660 00
do do 12 in. by 6 in..... do	0 12	81,000	9,720 00
do do 12 in. by 4 in..... do	0 10	14,000	1,400 00
do do 9 in. by 9 in..... do	0 12	74,000	8,880 00
do do 9 in. by 6 in..... do	0 10	198,000	19,800 00
do do 9 in. by 4 in..... do	0 08	15,000	1,200 00
do do 6 in. by 4 in..... do	0 08	29,000	1,740 00
8 in. Flatted Timber..... do	0 12	1,000	120 00
Hemlock or Spruce Plank..... p. M. b. m.	12 00	645,000	7,740 00

Carried forward.....