CONTRAT No. 33.

CHEMIN DE FER CANADIEN DU PACIFIQUE (embranchement de Pembina)—Nivellement, construction de ponts et posage de lisses, entre Saint-Boniface et Emerson, 63⅓ milles.—Soumissions pour les travaux.—Liste des quantités et des prix.

Quantités approximatives.	Description des travaux.	Kevanagh, Murphy et Upper.		C. C. Couvrette.		L. Z. Mallette.		John Ryan.		A. Charlebois.		Joseph Whitehead.		Wardrop et Ross.		John W. Sifton.		James Isbester.		John Heney.		Murphy et Upper.		Sutton et Rousseaux.		Wm. D. Barclay.		Wanless et McIntosh.		Robinson et Robinson.	
		Taux.	Montant.	Taux.	Montant.	Taux.	Montant.	Taux.	Montant.	Taux.	Montant.	Taux.	Montant.	Taux.	Montant	Taux.	Montant.	Taux.	Montant.	Taux.	Mont't	Taux.	Mont't.	Taux.	Mont't	Taux.	Mont't.	Taux	Mont't.	Taux.	Mont't.
		$ cts.	$ cts.	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$	$ cts.	$
100	Acres de déblai ..... par acre	24 00	2,100 00	15 00	1,500	10 00	1,000	2 00	200	10 00	1,000	20 00	2,000	15 00	1,500	25 00	2,500	20 00	2,000	5 00	500	15 00	1,500	12 00	1,200	25 00	2,500	17 50	1,750	30 00	3,000
50	" d'abattage à fleur de terre ..... "	28 00	1,100 00	20 00	1,000	30 00	1,500	2 00	100	30 00	1,500	30 00	1 500	15 00	750	40 00	2,000	40 00	2,000	3 00	150	30 00	1,500	12 00	600	40 00	2,000	25 00	1,250	15 00	750
100	" d'essouchement (y comp fossés latéraux et tranch. d'écoulem.) "	50 00	5,000 00	20 00	2,000	25 00	2,500	5 00	500	25 00	2,500	80 00	8,000	100 00	10,000	60 00	6,000	80 00	8,000	6 00	600	40 00	4,000	40 00	4,000	160 00	16,000	60 00	6,000	150 00	15,000
666,700	Pieds linéaires de clôturage . . par 100 pds	5 00	33,300 00	9 00	5,994	7 00	46,620	1 10	7,326	10 00	6,660	6 00	39,960	8 00	53,280	8 00	53,280	8 00	53,280	10 00	66,000	6 00	39,960	7 00	46,620	15 00	99,900	8 00	53,280	10 00	66,600
100	Vgs. cubes d'excavation, roc détaché. p. verge c.	2 50	250 00	1 00	100	2 50	250	1 00	100	3 00	300	1 00	100	0 60	60	2 00	200	0 75	75	1 00	100	0 30	30	0 90	90	1 00	100	0 25	25	150 00	150
140,000	" " dans la terre (y compris excav. servant aux emprunts) "	0 25	35,000 00	0 20	28,000	0 23	32,200	0 23	32,200	0 23	32,200	0 22	30,800	0 25	35,000	0 25	35,000	0 24	33,600	0 25	35,000	0 25	35,000	0 25	35,000	0 26	36,400	0 23	31,200	0 30	42,000
10,000	Vgs. cub. d'excav. dans les fossés d'écoulem. au-delà des limit. de la voie ferrée "	0 30	3,000 00	0 20	2,000	0 23	2,300	0 25	2,500	0 23	2,300	0 33	3,300	0 20	2,000	0 25	2,500	0 27	2,700	0 23	2,300	0 21	2,100	0 25	2,500	0 26	2,600	0 20	2,000	0 40	4,000
1,000	Pds. linéaires d'égoûts souterrains. par 100 pds	25 00	250 00	15 00	150	20 00	200	20 00	200	20 00	200	0 40	400	30 00	300	25 00	250	33 00	330	50 00	500	30 00	300	60 00	600	25 00	25,000	50 00	500	50 00	500
2	Ponts système Howe, 100 pds. d'ouvert., par arche	3,000 00	6,000 00	3,200 00	6,400	3,500 00	7,000	4,000 00	8,000	3,500 00	7,000	2,160 00	4,320	3,500 00	7,000	3,700 00	7,400	4,500 00	9,000	5,500 00	11,000	4,700 00	9,400	3,950 00	7,900	3,600 00	7,200	3,800 00	7,600	40 00	8,000
1	" " 80 " "	2,500 00	2,500 00	2,400 00	2,400	2,500 00	2 500	3,000 00	3,000	2,500 00	2 500	.....	3,520	2,160 00	2,160	2,800 00	2,800	2,880 00	2,880	4,400 00	4,400	3,500 00	3,500	3,750 00	3,750	2,800 00	2 800	3,050 00	3,050	40 00	3,200
1	" " 60 " "	.....	1,750 00	1,500 00	1,500	1,800 00	1,800	2,000 00	2,000	1,800 00	1,800	.....	2,040	1,440 00	1,440	2,500 00	2,500	2,500 00	2,500	3,300 00	3,300	2,300 00	2,300	3,200 00	3,200	2,000 00	2,000	2,280 00	2,280	30 00	1,800
2,500	Verges cubes de caissons pour culées et piles de ponts, (y compris le bois et la pierre pour les remplir). ..... par vg. c.	3 50	8,750 00	3 00	7,500	3 50	8,750	6 00	15,000	3 50	8,750	5 00	12,500	5 00	12,500	4 00	10,000	4 50	11,250	7 50	18,750	4 00	10,000	4 00	10,000	4 00	10,000	7 50	18,750	6 00	15,000
1,000	Pierres perdues ..... "	1 50	1,500 00	1 00	1,000	1 50	1,500	3 00	3,000	1 50	1,500	3 00	3,000	3 00	3,000	3 00	3,000	3 50	3,500	5 00	5,000	3 00	3,000	3 00	3,000	2 00	2,000	3 00	3,000	4 00	4,000
.....	Maçonnerie de ponts en ciment hydraulique. ..... "	15 00	.....	15 00	.....	15 00	.....	15 00	.....	16 00	.....	18 00	.....	.....	.....	18 00	.....	14 00	.....	27 00	.....	11 50	.....	25 00	.....	18 00	.....	16 00	.....	.....	.....
.....	" en mortier ordinaire, recouvert de ciment "	15 00	.....	13 00	.....	13 00	.....	14 00	.....	14 00	.....	16 50	.....	.....	.....	14 00	.....	13 00	.....	27 00	.....	11 00	.....	20 00	.....	14 00	.....	12 00	.....	.....	.....
.....	Maçonnerie de ponceaux en ciment hydraulique... ..... "	12 00	.....	15 00	.....	17 00	.....	12 00	.....	18 00	.....	17 00	.....	.....	.....	16 00	.....	12 00	.....	17 00	.....	6 50	.....	20 00	.....	7 50	.....	16 00	.....	.....	.....
.....	" en mortier ordinaire, recouvert de ciment ..... "	10 00	.....	13 00	.....	15 00	.....	11 00	.....	16 00	.....	16 00	.....	.....	.....	14 00	.....	11 00	.....	17 00	.....	6 00	.....	18 00	.....	7 00	.....	10 00	.....	.....	.....
.....	" sèche . ..... "	8 00	.....	11 00	.....	11 00	.....	10 00	.....	12 00	.....	14 00	.....	.....	.....	8 00	.....	9 00	.....	12 00	.....	4 50	.....	15 00	.....	.....	.....	10 00	.....	.....	.....
.....	Ouvrage en brique en ciment hydrauliq.. "	12 50	.....	12 00	.....	12 00	.....	10 00	.....	12 00	.....	19 00	.....	.....	.....	16 00	.....	11 00	.....	11 00	.....	12 00	.....	25 00	.....	10 00	.....	18 00	.....	.....	.....
.....	" en mortier ordinaire, recouvert de ciment "	11 00	.....	10 00	.....	9 50	.....	9 00	.....	10 00	.....	17 50	.....	.....	.....	15 00	.....	10 00	.....	11 00	.....	11 50	.....	22 00	.....	9 00	.....	8 00	.....	.....	.....
.....	Béton fait avec ciment hydraulique..... "	10 00	.....	6 00	.....	6 25	.....	9 00	.....	5 00	.....	5 00	.....	.....	.....	14 00	.....	14 00	.....	11 00	.....	5 00	.....	7 50	.....	6 00	.....	12 00	.....	.....	.....
.....	Couche battue en terre glaise ..... "	2 00	.....	0 90	.....	1 25	.....	0 75	.....	1 25	.....	0 75	.....	.....	.....	2 00	.....	1 50	.....	1 50	.....	0 75	.....	2 25	.....	2 00	.....	0 50	.....	.....	.....
2,500	Pieds lin. Pilotis—Épinette rouge ou chêne mesurant 12 pces. au gros bout...par p. l.	0 40	1,000 00	0 55	1,375	0 60	1,500	0 50	1,250	0 60	1,500	0 40	1,000	0 35	875	0 50	1,250	0 55	1,375	0 50	1,250	0 56	1,400	0 45	1,125	0 25	625	0 50	1,250	1 00	2,500
	Bois équarri pour chevalets, ponts, ponceaux, etc.																														
2,500	Pieds linéaires, 16 x 12 pouces de pin blanc..... par p. l.	0 50	1,250 00	0 45	1,125	0 50	1,250	0 60	1,500	0 50	1,250	0 50	1 250	0 40	1,000	0 60	1,500	0 55	1,375	0 48	1,200	0 70	1,750	0 55	1,375	0 32	800	0 64	1,600	0 45	1,325
2,000	Pieds. lin., 15 x 12 pouces, pin blanc..... "	0 50	1,000 00	0 45	900	0 45	900	0 56	1,120	0 45	900	0 48	960	0 36	720	0 50	1,000	0 55	1,100	0 45	900	0 65	1,300	0 50	1,000	0 30	600	0 60	1,200	0 45	900
2,500	" 15 x 9 " " ..... "	0 40	1,000 00	0 35	875	0 40	1,000	0 43	1,075	0 40	1,000	0 40	1,000	0 32	800	0 40	1,000	0 30	750	0 39	850	0 61	1,525	0 40	1,000	0 24	600	0 45	1,125	0 40	1,000
38,000	" 12 x 12 " pin blanc ou épinette rouge..... "	0 35	13,300 00	0 30	11,000	0 30	13,300	0 45	17,100	0 35	13,300	0 40	15,200	0 30	11,400	0 40	15,200	0 40	15,200	0 36	13,680	0 56	21,280	0 45	17,100	0 24	9,120	0 48	18,240	0 40	15,200
4,000	" 12 x 9 pouces, " ..... "	0 25	1,000 00	0 20	800	0 30	1,200	0 34	1,360	0 30	1,200	0 38	1,520	0 28	1,120	0 35	1,400	0 28	1,120	0 27	1,080	0 51	2,040	0 40	1,600	0 18	720	0 36	1,440	0 40	1,600
14,000	" 9 x 8 " " ..... "	0 18	2,520 00	0 20	2,800	0 20	2,800	0 23	3,220	0 20	2,800	0 30	4,200	0 20	2,100	0 25	3,500	0 25	3,500	0 21	2,940	0 34	4,760	0 30	4,200	0 12	1,680	0 24	3,360	0 30	4,200
15,000	" 12 x 12 " ou en épinette "	0 35	5,250 00	0 25	3,750	0 30	4,500	0 45	6,750	0 30	4,500	0 30	4,500	0 30	4,500	0 40	6,000	0 40	6,000	0 36	5,400	0 50	7,500	0 30	4,500	0 20	3,000	0 45	6,750	0 40	6,000
7,000	" 12 x 9 " " ... "	0 25	1,750 00	0 20	1,400	0 25	1,750	0 34	2,380	0 25	1,750	0 30	2,100	0 28	1,960	0 25	1,750	0 28	1,960	0 27	1,870	0 47	3,290	0 27	1,890	0 15	1,050	0 36	2,520	0 35	2,450
1,500	" 12 x 6 " " ... "	0 18	270 00	0 16	240	0 15	225	0 23	345	0 15	225	0 25	375	0 18	270	0 20	300	0 25	375	0 21	315	0 31	465	0 22	330	0 10	150	0 24	360	0 30	450
1,000	" 12 x 4 " " ... "	0 12	120 00	0 12	120	0 12	120	0 15	150	0 12	120	0 20	200	0 12	120	0 20	200	0 16	160	0 14	140	0 22	220	0 18	180	0 06	60	0 16	160	0 25	250
500	" 9 x 9 " " ... "	0 21	105 00	0 20	100	0 20	100	0 25	125	0 20	100	0 30	150	0 18	90	0 30	150	0 25	125	0 24	120	0 33	165	0 22	110	0 10	50	0 27	135	0 30	150
4,000	" 9 x 6 " " ... "	0 15	600 00	0 14	560	0 15	600	0 17	680	0 15	600	0 20	800	0 16	640	0 30	1,200	0 18	720	0 16	640	0 30	1,200	0 20	800	0 07	280	0 20	800	0 25	1,000
1,000	" 9 x 4 " " ... "	0 10	100 00	0 10	100	0 12	120	0 15	150	0 12	120	0 20	200	0 10	100	0 20	200	0 12	120	0 12	120	0 20	200	0 12	120	0 05	50	0 12	120	0 25	250
1,000	" 6 x 4 " " ... "	0 10	100 00	0 10	100	0 10	100	0 15	150	0 10	100	0 15	150	0 08	80	0 15	150	0 09	90	0 08	80	0 17	170	0 10	100	0 03	30	0 08	80	0 20	200
500	" 4 x 2 " chêne et d'ass'b. "	0 03½	17 50	0 08	40	0 12	60	0 10	50	0 12	60	0 10	50	0 05	20	0 10	50	0 03	15	0 04	20	0 20	100	0 07	35	0 05	25	0 06	30	0 20	100
22,000	" 10 pieds, bois aplani d'épinette ..... "	0 15	3,300 00	0 10	2,200	0 10	2,200	0 20	4,400	0 10	2,200	0 25	5,500	0 14	3,080	0 30	6,600	0 20	4,400	0 27	5,940	0 38	8,360	0 12	2,640	0 05	1,100	0 33	7,260	0 30	6,600
10,000	" 8 " " " ..... "	0 10	1,000 00	0 08	800	0 10	1,000	0 20	2,000	0 10	1,000	0 25	2,500	0 14	1,400	0 20	2,000	0 18	1,800	0 23	2,300	0 23	3,300	0 09	900	0 04	400	0 22	2,200	0 30	3,000
1,000	Pds. M. A., planche de pruche ou d'épinette, par 1,000 pds. M P.	20 00	20 00	25 00	25	28 00	28	35 00	35	30 00	30	24 00	24	28 00	28	40 00	1,000	40 00	40	24 00	24	36 00	36	30 00	30	12 00	12	45 00	45	35 00	35
110,000	" planche de pin ..... "	25 00	2,750 00	20 00	2,200	20 00	2,200	40 00	4,400	20 00	2,200	30 00	3,300	30 00	3,300	0 35	3,850	40 00	4,400	25 00	2,750	36 00	3,960	40 00	44,000	24 00	2,640	45 00	45	40 00	4,400
1,000	" " de bois dur..... "	50 00	50 00	75 00	75	100 00	100	50 00	50	100 00	100	30 00	30	30 00	30	0 40	40	50 00	50	30 00	30	45 00	45	40 00	40	24 00	24	45 00	45	50 00	50
25,000	Lbs., fer forgé, y compris boulons, chevilles, liens, etc ..... par lb.	0 10	2,500 00	0 10	2,500	0 12	3,000	0 10	2,500	0 12	3,000	0 13	3,250	0 08	2,000	0 15	3,750	0 12	3,000	0 10	2,500	0 11	2,750	0 15	3,750	0 12	3,000	0 12	3,000	0 12½	3,125
8,500	Lbs., fonte ..... "	0 10	850 00	0 07	595	0 08	680	0 10	850	0 08	680	0 10	850	0 08	680	0 10	850	0 08	680	0 08½	680	0 09	765	0 14	1,190	0 06	510	0 10	850	0 10	850
165,000	Traverses ..... par trav.	0 27	44,550 00	0 42	69,300	0 40	66,000	0 45	74,250	0 40	66,000	0 45	74,250	0 60	99,000	0 44	72,600	0 45	74,250	0 48	79,200	0 43	70,950	0 44	72,600	0 26	42,900	0 51	85,800	0 45	74,250
66	Milles, posage de la voie..... par mille	250 00	16,500 00	200 00	13,200	200 00	13,200	325 00	21,450	200 00	13,200	300 00	19,800	300 00	19,800	280 00	18,480	300 00	19,800	300 00	19,800	760 00	50,160	325 00	21,450	250 00	16,500	292 00	19,272	250 00	16,500
110,000	Verges cubes, ballastage .... par vg. c.	0 27	29,700 00	0 25	27,500	0 30	33,000	0 40	44,000	0 30	33,000	0 40	44,000	0 30	33,000	0 35	38,500	0 39	42,900	0 40	44,000	0 30	33,000	0 38	41,800	0 30	33,000	0 75	82,500	0 75	82,500
20	Jeux de pointes et croisem. de v....posage de c jeu.	25 00	500 00	20 00	400	25 00	500	25 00	500	25 00	500	20 00	400	25 00	500	40 00	800	50 00	1,000	15 00	300	10 00	200	25 00	500	12 00	240	12 00	240	50 00	1,000
	Montant total	.....	232,202 50	.....	203,624	.....	259,553	.....	265,966	.....	219,645	.....	298,999	.....	308,603	.....	310,750	.....	317,380	.....	335,744	.....	333,536	.....	343,025	.....	337,668	.....	371,115	.....	393,835

Pour copie conforme, (Signé,) F. BRAUN,
Secrétaire.

Date de la réception des soumissions, 1er mars 1878