

CURRENT NEWS.

Montreal, Que.—Tenders for the construction of the superstructure of the Quebec Bridge closed at one o'clock Saturday, October 1st, 1910. Tenders were received from the following firms: 1. St. Lawrence Bridge Company, Limited, of Montreal, representing a combination of the Dominion Bridge Company, of Montreal, Canada, and the Canadian Bridge Company of Walkerville, Canada. 2. The British Empire Bridge Company, Limited, of Montreal, Canada, representing a combination of the Cleveland Bridge and Engineering Company, Limited, of Darlington, England, and the Patent Shaft and Axletree Company of Wednesbury, England. 3. The Pennsylvania Steel Company, of Steelton, Pa., U.S.A. 4. Maschinenfabrik Augsburg-Nurnberg A. G., of Gustavsburg, Germany. Most of the firms, in addition to tendering on the design of the board of engineers, have presented designs of their own and alternative tenders on same, as they were allowed to do by the specifications. The Minister of Railways and Canals has submitted the tenders and plans to the board, who will thoroughly study them and report back to the Minister. No information in regard to the prices will be given out until after the board has made its report, which, in view of the large number of plans and alternative tenders received, will probably not be for several weeks.

Goderich, Ont.—Mr. H. J. Lamb, district engineer, department of public works, London, Ont., has plans and specifications on exhibition in his office, for the construction of 600 feet of breakwater. Being the first breakwater of its character to be constructed in Canada, these plans are of interest in design. The design is of a substructure of reinforced concrete caissons 26 feet high, 35 feet wide at bottom, and 30 feet wide at the top. The structure is to have numerous cross walls. The filling between the cross walls is to be a mixture of sand and gravel, to within six feet of the water level. The work, from six feet below the water level up, will be of mass concrete, thereby providing a very strong structure, required for the extremely exposed locality in which it is to be built. The plan is to build the caissons on shore, then launch and take out to where the site of the breakwater is dredged previously for it. It is expected that this class of breakwater will make Goderich a perfectly safe harbor, and its success will be of considerable interest.

Moose Jaw, Sask.—A unique feature in the power producing plant of the Moose Jaw Street Railway Company, when complete, will be two Diesel oil engines, ordered from the manufacturers at Manchester, England. They are the only ones in Canada, and among the very few on this continent. The strongest feature of this combustion engine, it is said, lies in the economy of fuel in every respect. Heavy oils in crude state may be used, and no fuel is needed when not in operation.

Edmonton, Alta.—A rich seam of coal is said to have been discovered here by workmen excavating for bridge piers. It is announced that a hundred tons of it have been mined.

Edmonton, Alta.—A lumber merger, to include many of the lumbering concerns in British Columbia and a large number of the lumber yards in Northern Alberta, has recently taken place. It will operate under the name of the Dominion Saw Mills, Limited. It is an organization perfected by a syndicate of English capitalists, with a capitalization of \$5,000,000, and Lord Desborough is at the head of it. The Globe Lumber Company, having several large yards in the Edmonton district and also the Mundy Lumber Company, will be controlled by this concern. It is said that the new syndicate is gradually gaining control of all the large lumber mills in British Columbia. It also owns 600 square miles of timber limits.

Edson, Alta.—It is declared that what is believed to be one of the richest mica mines in the world has just been discovered near Edson.

Edson, Alta.—A Dominion land surveyor has been at Edson, saying that the Brazeau coal is more nearly anthracite than bituminous. Coal is said to be right on the surface, and, it is understood, of a good quality.

Prince Rupert, B.C.—C. A. Frost of Chicago, formerly president of the Chicago & Milwaukee street railway, through a deal just completed by Reginald Brown, will take over the Moresby Island timber limits. The area embraces

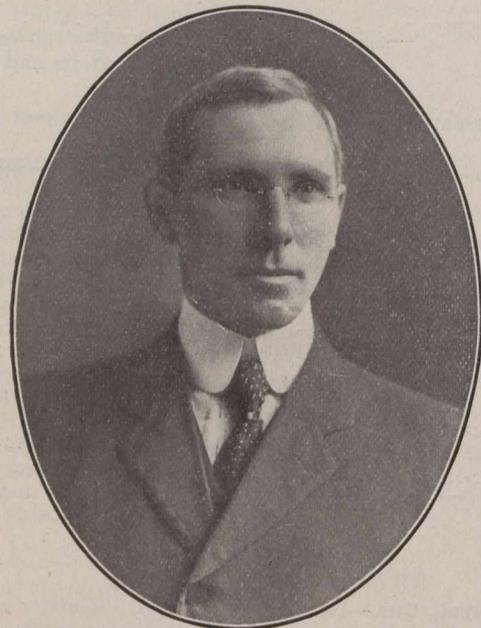
about 60,000 acres of timber land. A mill is located at Queen Charlotte City.

Vancouver, B.C.—A \$10,000,000 merger of all the power companies in Canada, except the Giant Powder Company's branch factory at Telegraph Bay, has been effected. Ownership will be vested in the British Canadian Explosives, Ltd., recently incorporated. It is understood that the merger will be controlled by the Nobel corporation and the du Pont Powder Company of Delaware, whose holdings in the company will be equal.

Vancouver, B.C.—Owing to the reorganization of the Vancouver Fire-clay Company, improvements are being installed at Clayburn, B.C., where the plant is located. Mr. John B. Miller, late superintendent of the Don Valley Brick Company, largest concern of its kind, is now managing-director of the company. The capital has been increased from \$200,000 to \$300,000, and experienced men are in charge. The property of the company consists of 750 acres of developed fireclay land, and capacity at present is 60,000 bricks a day. The company intends to extend the plant, so that it can turn out large quantities of sewer pipe, most of which at present is imported from Europe, and in production of which, the concern can thus adequately compete.

PERSONAL.

Mr. C. H. Mitchell, C.E. (Tor.), of the firm of C. H. & P. H. Mitchell, Traders Bank Bldg., Toronto, was elected, at the recent elections, to represent the graduates in engineering of the University of Toronto, on the University senate. Mr. Mitchell was first elected to the University sen-



C. H. Mitchell, Mem. Can. Soc. C.E.

ate some seven years ago when the graduates in Applied Science were first granted representation on that body. In addition to his work for engineers on the University senate, Mr. Mitchell has also been a member of the executive, Canadian Society of Civil Engineers, and two years ago was chairman of the Toronto Branch.

Mr. W. M. Currie, formerly chief inspecting engineer for the Hamilton Steel & Iron Works, has been appointed managing director of the Canadian Steel Company, Limited, of Hamilton. This is a company recently organized, worth \$400,000 and are locating their works on Sherman Avenue, Hamilton. Mr. Currie was a graduate of the School of Practical Science, Toronto, and has had a long and varied experience in steel work.

Mr. Chas. Unwin, who received his certificate as provincial land surveyor in 1852, and who for over thirty years has been in the service of the city of Toronto, has resigned his position as city surveyor, but still remains on the staff of the city.