

CONSTRUCTION NEWS SECTION

Readers will confer a great favor by sending in news items from time to time. We are particularly eager to get notes regarding engineering work in hand and projected, contracts awarded, changes in staffs, etc. Printed forms for the purpose will be furnished upon application.

LIGHT, HEAT, AND POWER.

Nova Scotia.

GLACE BAY.—Messrs. A. E. McLean and R. S. Trowbridge of the Robb Engineering Company, Amherst, are installing the machinery in the new power station of the S. and G.B. Railway at Dominion No. 4.

Calgary.

At a special meeting of the council, held recently, the proposed agreement with the Calgary Power and Transmission Company was discussed, and a decision was reached whereby that Company will supply all the electric current power and energy required by the municipality for five years from date. The proposal of the Alberta Portland Cement Company was turned down, as that company had not fulfilled the requirements in the matter of the necessary deposit.

British Columbia.

VANCOUVER.—The C.P.R. has set aside entirely its steam plant for all its shops here and started up under electric power supplied by the British Columbia Electric Railway Company. The demand for the works, nominally, is 225 horse-power. This is divided among a number of motors, running from 75 horse-power down to 5 horse-power. The electric plant was installed under the supervision of Mr. Chambers, of Winnipeg, the C.P.R.'s electrical expert.

(Contemplated Work.)

Manitoba.

MINNEDOSA.—The Minnedosa Power Company has been granted the right to construct a dam across the Little Saskatchewan River at its outlet at Clear Lake, with the object of maintaining a high-water mark and supplying this town with power for electric light and other purposes.

Alberta.

EDMONTON.—A new power station is to be installed requiring six miles of transmission line at 10,000 volts, 3 wire, 3 phase, 60 cycle, spacing of poles 125 feet, of wires 24 inches. The system will include nine incandescent circuits and two arc light circuits, and a power circuit. R. R. Keely, City Engineer.

EDMONTON.—Contracts for the design and erection of a 2,000 horse-power producer gas engine power plant are to be called for soon. Building to be a reinforced concrete and to be ready for installation of machinery by May 10th, 1908. R. R. Keely, City Engineer.

RAILWAYS—STEAM AND ELECTRIC.

(Contemplated Work.)

Ontario.

EXETER.—The surveyors of the proposed extension of the St. Mary's and Western Ontario branch of the Canadian Pacific Railway have completed the survey to this town.

KEMPTVILLE.—This municipality is considering the advisability of applying for a charter to construct a railway from Kemptville Junction to the Grand Trunk line near South Indian.

WHITNEY.—Contracts probably will be let in the near future for building the extension of the Central Ontario Railway from Maynooth and Lake St. Peter to this point, a distance of about 27 miles. J. D. Evans, chief engineer, Trenton.

British Columbia.

VANCOUVER.—A railway is proposed to be built from Nicola Lake to this place. Incorporation will be sought at the next session of the Legislature. The application is made

by Livingstone, Garrett & King, of this city, acting for the new company.

(Contemplated Work.)

Ontario.

PORT ARTHUR.—The Mount McKay and Kakabeka Falls Railway Company will apply to the Legislative Assembly of Ontario for power to build on either the north or south side of the Kaministiquia River. They will also apply for an Act extending the time for the completion of the railway until 30th April, 1912. Messrs. Blake, Lash & Cassells are the company's solicitors.

British Columbia.

VANCOUVER.—The police committee have decided to make an extension to the jail. Mr. W. T. Dalton has submitted plans for the structure.

TENDERS.

New Brunswick.

MONCTON.—Tenders will be received by the Intercolonial Railway until January 7th for the construction of a block of cribwork to fill in a space in the front of the wharf at Mulgrave, N.S. D. Pottinger is general manager, Moncton, N.B.

Ontario.

L'ORIGINAL.—Tenders will be received until January 21st for the construction of an iron highway bridge over the Big Castor River, 120 or 125 feet span. Tenders are also asked for the masonry work required for the Big Castor bridge, concrete or stone. E. A. Johnson, county clerk, for Prescott and Russell, L'Original, Ont.

TORONTO.—Tenders will be received by the Board of Control, until January 28th, for a 15,000,000 and 6,000,000 Imperial gallon, triple-expansion vertical engine for the main and high level pumping stations. C. H. Rust is city engineer.

Alberta.

LETHBRIDGE.—Tenders will be received until January 25th for the construction of a brick and stone church for Knox congregation, Lethbridge, as per plans and specifications prepared by J. H. G. Russell, architect. Separate tenders will also be received for the heating and plumbing. E. U. Rylands is chairman of the Board of Managers.

British Columbia.

VANCOUVER.—The civic water committee has decided to call for tenders for the building and laying of the four miles of continuous stave pipe from the Seymour creek intake to the canyon. The material for the pipe will be provided by the city. W. A. Clement is city engineer.

CONTRACTS AWARDED.

British Columbia.

REVELSTOKE.—Three tenders were opened for the erection of city jail. O. W. Abrahamson, W. King & Son, and D. McCarthy. That of O. W. Abrahamson for \$3,500 was accepted.

SEWAGE AND WATERWORKS.

Ontario.

GUELPH.—A total balance of \$18,196 has been realized by the Waterworks Department, of this city, from the past year's operations, a profit of twelve per cent. on the total capital of \$159,000 invested by the city in the waterworks plant. The commissioners have agreed to place \$15,748 to