

**Ottawa, Ont.**—Tenders will be received until September 20th, for an Armory, Sarnia, Ont. Plans, specifications and form of contract can be seen and forms of tender obtained on application at the office of Mr. Thos. A. Hastings, Clerk of Works, Postal Station F, Yonge Street, Toronto, Ont., at the Postoffice, Sarnia, and at the office of R. C. Desrochers, secretary, Dept. of Public Works, Ottawa.

**Ottawa, Ont.**—Sealed tenders, addressed to the undersigned and endorsed "Tender for Public Building, Chesley, Ont.," will be received at this office until 4 p.m., Wednesday, September 20th, 1911, for the work mentioned. R. C. Desrochers, secretary, Department of Public Works, Ottawa.

**Ottawa, Ont.**—Sealed tenders addressed to the undersigned, and endorsed "Tenders for Dredging, Port Hope, Ontario," will be received until Monday, September 18th, 1911, at 4 p.m., for dredging required at Port Hope, Ont. R. C. Desrochers, secretary, Department of Public Works, Ottawa.

**Ottawa, Ont.**—Tenders will be received until September 20th, 1911, for the construction of a wharf at Windsor, Essex County, Ontario. Plans, specifications, etc., may be had at the offices of H. J. Lamb, District Engineer, London, Ontario; J. G. Sing, District Engineer, Confederation Life Bldg., Toronto, Ontario; on application to the Postmaster at Windsor, Ont., and at the office of R. C. Desrochers, secretary, Department of Public Works, Ottawa.

**Ottawa, Ont.**—Tenders will be received until September 20th, 1911, for the construction of Breakwater Extension to North Pier and Dredging at Kincardine, Bruce County, Ontario. (Advertisement in this issue.)

**Ottawa, Ont.**—Tenders will be received until September 25th, 1911, for the construction of a breakwater at St. Joseph, Inverness County, N.S. Plans, specifications and form of contract can be seen and forms of tender obtained at the offices of C. E. W. Dodwell, District Engineer, Halifax, N.S.; G. A. Bernasconi, District Engineer, North Sydney, on application to the Postmaster at Grand Etang, Inverness County, N.S., and at the office of R. C. Desrochers, secretary, Department of Public Works, Ottawa.

**Townsites of Monteith, Ont.**—Sealed tenders, addressed to A. J. McGee, secretary-treasurer T. and N.O. Railway Commission, 25 Toronto St., Toronto, Ont., will be received if mailed or delivered, before 12 o'clock noon, Wednesday, September 13th, for lots in the new townsites of Monteith and Iroquois Falls. Monteith townsite is directly opposite and to the east of the Government Demonstration Farm. Iroquois Falls townsite is the Junction City for the Porcupine camps. Maps of the townsites, with full particulars, may be obtained from Land Commissioner F. Dane, 34 Yonge Street, Toronto; Geo. W. Lee, General Agent, North Bay.

**Windsor, Ont.**—Sealed proposals for an intake pipe and screen well for the city of Windsor, will be received at the office of the Water Commissioners until Tuesday, Sept. 12th, 1911. Copies of plans and specifications are on file at the Water Office, Windsor, and also at the office of Smith, Hinchman & Grylls, Detroit, Mich. W. A. Hanrahan, Secretary of Water Commissioners, Windsor, Ont.

**Burnaby, B.C.**—Tenders will be received until October 2nd, 1911, for the supply and erection of three tanks for the municipality of Burnaby Water Supply. W. Griffiths, clerk, municipal council. (Advertisement in The Canadian Engineer).

**Victoria, B.C.**—Tenders will be received by the Honorable the Minister of Public Works, up to 12 o'clock noon of Thursday, the 21st day of September, 1911, for the erection and completion of a Court House at Vernon, B.C., in the Okanagan Electoral District. Plans, specifications, etc., may be obtained at the offices of the Government agents, Vernon, Revelstoke, New Westminster, Nelson; the Provincial Timber Inspector, Vancouver; and the office of J. E. Griffith, Public Works Engineer, Department of Public Works, Victoria, B.C.

**Victoria, B.C.**—Tenders will be received by the Honorable the Minister of Public Works, until September 13th, 1911, for the erection and completion of the several works required in alterations and repairs to the Upper and Lower Extension Schools, in the Newcastle Electoral District. J. E. Griffith, Public Works Engineer, Department of Public Works, Victoria, B.C.

**Victoria, B.C.**—Tenders will be received until September 20th, 1911, for the erection and completion of an east wing addition to the Provincial Home, Kamloops, B.C. Plans, specifications, etc., may be had at the office of J. E. Griffith, Public Works Engineer, Department of Public Works, Victoria, B.C.

**Victoria, B.C.**—Bids for a large amount of paving work will be called for shortly by the city when streets requiring some 75,000 square yards of asphalt paving will be open for tender.

## CONTRACTS AWARDED.

**Halifax, N.S.**—The contract for the Halifax Harbor Terminal improvements has been awarded to the Nova Scotia Construction Company of Sydney, N.S.

**Fredericton, N.B.**—The contract for building the modern new machine shop for the Smith Foundry Company, Limited, was awarded to Mr. Thomas Myles, of St. Mary's, the contract price being in the vicinity of \$15,000.

**Toronto, Ont.**—The Bishop Construction Company, Toronto, and Montreal, have been awarded the contract for the erection of factory building for the National Land Fruit and Packing Company, Limited, Mimico, Ontario; contract price about \$25,000.00.

**Windsor, Ont.**—Messrs. Eliot & Reid, Market Street, Brantford, Ont., have received the contract for supplying all the labor, tools and machinery for constructing and completing a concrete outlet for Parent Avenue sewer under the Grand Trunk Railway tracks. The total cost is \$7,441.

**Port Arthur, Ont.**—The contract for the Block Bay Bridge was awarded to Seaman and Penniman for \$1,100. The city to furnish steel and build approaches.

The bridge will be 210 ft. long, 35 ft. high, main span 130 ft., two ribs; all of reinforced concrete.

**Winnipeg, Man.**—Messrs. Fuller & Co. have been awarded the contract for the construction of the Lord Selkirk Hotel. The building is to cost \$1,250,000, exclusive of lighting, heating and ventilation apparatus.

**New Westminster, B.C.**—Among the tenderers for the erection of a schoolhouse at Sapperton were Messrs. Smith & Whittaker, \$38,816; Browly & Martin, \$40,350; Thos. Turnbull, \$36,752; Chapman & Halloran, \$34,072; J. C. Henderson, \$34,047.75; Humbull & Smith, \$38,685; Sloan & Harrison, \$39,000, and W. W. Forester, \$33,350. The latter tender being the lowest was accepted.

**Vancouver, B.C.**—C. M. Hays, of the G.T.P., announced that the contract for the construction of the last link of the 410 miles section of the main line between Aldermere and Bulkeley Valley, B.C., had been awarded to Foley, Welch and Stewart.

## RAILWAYS—STEAM AND ELECTRIC.

Recent reports show that steel on the Grand Trunk Pacific has already been laid two hundred and thirty-five miles west of Edmonton, or one thousand and twenty-seven miles beyond Winnipeg, having reached the new town of Fitzhugh. Fitzhugh is a point in Jasper Park, the new national park reservation set aside by the Dominion Government, and the Grand Trunk Pacific traverses the whole length of the park as it approaches the Yellowhead Pass of the Rocky Mountains.

## LIGHT, HEAT AND POWER.

**St. Timothy, Que.**—The plant of the Canada Light and Power Company was put into operation during the end of August last. The main electrical equipment in the powerhouse was built by Allis-Chalmers-Bullock, Limited, of Montreal. It includes three water wheel-driven alternating current generators, each 5,000 k.v.a. capacity, at 150 r.p.m., with two direct current exciters, also water wheel-driven, each 250 k.w. at 850 r.p.m., and three oil-filled, water-cooled transformers, each of 5,000 k.v.a. capacity. The electrical current is generated at 2,300 volts, and is transformed to 44,000 volts for transmission purposes. There is also a 60 k.w. motor-driven "booster" set. Mrs. E. A. Ropert, wife of the vice-president and managing director, had the honor of performing the opening function.

**Chicoutimi, Que.**—Work is under way on the dam and headgates in connection with the water power development by