

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.

TENDERS.

Quebec.

MONTREAL.—Tenders will be received until Dec. 23rd, 1908, for the completion of the new jail for the District of Montreal. A cheque of \$60,000 must accompany each tender, Messrs. Marchand and Brassaid, 164 St. James St., Architects. Alphonse Gagnon, Secretary Dept. of Public Works.

British Columbia.

FERNIE, B.C.—This place is advertising for tenders for the installation of a 260 horse-power gas producer plant. Tenders will be received to 12 noon, December 15th. A. A. Sharpley, acting city clerk.

VICTORIA.—The Council will call for new tenders for the two pumps for salt water high pressure. The present tender does not comply with specifications. The price will be about \$20,000.

LIGHT, HEAT, AND POWER.

Quebec.

FARNHAM.—The property and water power of the defunct Canada Wood Company has reverted to the town of Farnham by mutual arrangement with the insolvent estate, the town surrendering the machinery to the liquidator.

MONTREAL.—The Montreal Light, Heat & Power Company have declined to extend until 1910 the lighting contract with the city at present prices, i.e., \$60 per arc lamp, but offer to extend the time two months upon a rate to be decided upon during that period.

Ontario.

OTTAWA.—The concrete work in the piers of Chaudiere dam are almost completed. The low water this fall has made the work easier than was anticipated, and very rapid progress has been made since the the work was commenced in August. It is expected the piers will be completed before the cold becomes intense, so that the cofferdams will not need to be maintained during the high water next spring. The work is being carried forward under the direction of Wm. Kennedy, consulting engineer, Montreal and J. B. McRae, consulting engineer, Ottawa, and when completed will increase very materially the power possibilities of the power companies on both sides of the Ottawa River.

Alberta.

MACLEOD, ALTA.—The ratepayers of this place have voted in favor of spending \$55,000 for additions to the electric light and power plant.

British Columbia.

LADYSMITH, B.C.—This municipality is calling for tenders for \$25,000 electric light debentures. J. Stewart, city clerk.

SEWERAGE AND WATERWORKS.

Quebec.

DELORIMIER.—Town Engineer F. C. Laberge has submitted his report for sewer extension north of C. P. R. tracks and the plans have been accepted by the council. The letting of contracts was referred to the Road Committee.

MONTREAL WEST.—The Montreal Water and Power Company have taken over the contract for supplying water to the town from the Le Credit Municipale Canadien. Ample pressure will now be secured and filtered water is promised as soon as the M. W. & P. Co. install a filter.

MONTREAL.—The Worthington pump at the water-works has received its final test, and the results show that its efficiency above requirements has earned for its manufacturers a bonus of \$5,000, according to the agreement with the city. The purchase was made from the John McDougall Company, the contract providing for a capacity of 12,000,000 gallons per twenty-four hours and a duty or efficiency guarantee of 160,000,000 foot pounds per 1,000 pounds of steam consumed. For every million duty the pump fell short of the 160,000,000 the company was to forfeit \$1,000, and for every million above the city was to pay the company \$1,000, the bonus, however, not to exceed \$5,000. The test showed 175,000,000, and during the last hour of the test the pump was run at the rate of 14,500,000 gallons capacity every twenty-four hours, so that the pump in every way exceeded the requirements laid down by the city in its contract with John McDougall & Co. The cost of the pump was \$60,000.

MONTREAL.—Mr. J. R. Binning, who represented the Board of Trade on the recent official trip of inspection of the harbor and river, reported to that body at a recent meeting that the trip lasted two days and a half, and extended from Montreal to St. Thomas Flats, below Quebec, and that great progress had been made. The marine signal service has been established at eleven points along the river, and it is suggested that a Marconi wireless service be established at Three Rivers. The tender, 225 feet long and 34 feet beam, being constructed at Sorel for lighthouse service, was a credit. The building of another dredge would also soon be undertaken. Dredges were at work in Lake St. Peter. Curves were being widened to 800 feet and straight sections to 450 feet, while advances were being made towards 35-foot depths, 30 having been attained. A channel was being dredged to 1,000 feet wide and thirty feet deep at Crane Island, 600 feet of this having been completed in July last. Steps were also being taken towards the construction of a dry dock at Montreal.

NOTRE DAME DE GRACE.—The Council has accepted the arrangement by which the Montreal Water & Power Company acquired the contract from the Credit Municipale Co. to supply the town with water. The contract has seventeen years to run.

SOREL.—About two hundred feet of the Government wharf situated on the east side of the mouth of the Richelieu River, built five years ago, tumbled into the river. Those two hundred feet are the continuation of the five hundred feet that gave way some time ago, which means the whole wharf is not safe.

New Brunswick.

MONCTON.—City Engineer Edington has just presented a very complete report of the Water and Light Committee as to the advisability of increasing the city's water supply. The plans submitted would entail an approximate expenditure of \$217,000.00, made up as follows:

Embankment, including gate house, wasteway etc.	\$87,000
20-inch leading main	87,400
Cleaning bed of reservoir	5,500
Diversion of Alexander Road	1,200
Land and damages	5,000
Contingencies	6,000
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	\$192,100
Pumping Station	25,000
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	\$217,100