

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF PUBLIC WORKS, TENDERS, ADVANCE INFORMATION, AND MUNICIPAL PROGRESS

EVERY THURSDAY

THIS PAPER REACHES EVERY WEEK THE TOWN AND CITY CLERKS, TOWN AND CITY ENGINEERS, COUNTY CLERKS AND COUNTY ENGINEERS THROUGHOUT CANADA.

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THE CANADIAN CONTRACT RECORD,
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Information solicited from any part of the Dominion regarding contracts open to tender.

Advertising Rates on application.

At its Convention held in Toronto, Nov. 20 and 21, 1890, the Ontario Association of Architects signified its approval of the CANADIAN CONTRACT RECORD, and pledged its members to use this journal as their medium of communication with contractors with respect to advertisements for Tenders.

The following resolution was unanimously adopted at the First Annual Meeting of the Province of Quebec Association of Architects, held in Montreal, Oct. 10th and 11th, 1890: "Moved by M. Perrault, seconded by A. F. Dunlop, that we the Architects of the Province of Quebec now assembled in Convention being satisfied that the CANADIAN CONTRACT RECORD affords us a direct communication with the Contractors, resolved, that we pledge our support to it by using its columns when calling for Tenders."

Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publisher of any irregularity in delivery of paper.

BARTER AND EXCHANGE.

This department has been opened for the speedy barter and exchange of second-hand plant or material, or small lots of new or second-hand materials by builders and others not regularly engaged in the sale of such articles. Advertisements other than those of the above description will not be inserted.

RATES—12 words and under, 15 cents; each additional word, 1 cent (three figures count one word); on two or more subsequent insertions a discount of 10 per cent. will be allowed. Not more than four insertions of an advertisement can be granted.

Replies to advertisements may be addressed to a box at this office, in which case necessary stamps must be sent for re-mailing replies. Advertisements for this department must be prepaid.

FOR SALE AT HALF PRICE—Willer Blinds (60 sets); Wilson Blinds (English Venetian, large size); Hemlock Joisting (dry), Butternut, 1½ inch (dry); Birch 1½ inch (dry), Cherry, ¾ inch (dry); Cedar Posts; quantity sash frame material. GEORGE CLATWORTHY, 46 Richmond St. West, Toronto.

FOR SALE—Wood and glass partition, 9 feet high, 18½ feet long, including door 3x3 feet. Pine, natural finish, ground glass in panels. In use little more than a year. Cost over \$30; will be sold at a sacrifice. Box 50, CONTRACT RECORD office.

CANADIAN CONTRACTOR'S HAND-BOOK

A new and thoroughly revised edition of the Canadian Contractor's Hand-Book, consisting of 150 pages of the most carefully selected material, is now ready, and will be sent post-paid to any address in Canada on receipt of price. This book should be in the hands of every architect, builder and contractor who desires to have readily accessible and properly authenticated information on a wide variety of subjects adapted to his daily requirements.

Price, \$1.50; to subscribers of the CANADIAN ARCHITECT AND BUILDER, \$1.00. Address C. H. MORTIMER, Publisher, Confederation Life Building, Toronto.

NOTICE TO CONTRACTORS

Plans and specifications of the Brick Building proposed to be erected by the United Counties of Leeds and Grenville for use as a House of Industry, and the out-buildings in connection therewith, may be seen on and after Thursday, the 27th inst., at the office of G. A. Allan, Architect, Brockville, and at the residence of J. B. Saunders, Esq., Athens.

Tenders, addressed to the undersigned, will be received up to 12 a.m. on

THURSDAY, THE 4TH DAY OF OCTOBER NEXT,

and must be marked "Tender for Construction of House of Industry Buildings," and be accompanied by a certified bank cheque for \$500, payable to the order of the undersigned, which cheque will be forfeited should the party tendering refuse to sign the contract when called upon to do so.

The lowest or any tender not necessarily accepted.

R. L. JOYNT,

Chairman of Building Committee.
P.O. Box 519, Brockville.

Brockville, Sept. 14th, 1894.



Sealed Tenders addressed to the undersigned, and endorsed, "Tender for Post Office, Victoria, B.C.," will be received at this office until FRIDAY, 19TH OCTOBER, 1894, for the several works required in the erection of a Post Office at Victoria, B.C.

Plans and specifications can be seen at the Department of Public Works, Ottawa, and at the office of F. C. Gamble, Esq., Resident Engineer, Victoria B. C., and tenders will not be considered unless made on the form supplied and signed with the actual signatures of the tenderers.

An accepted bank cheque, made payable to the order of the Minister of Public Works, equal to five per cent. of the amount of tender, must accompany each tender. This cheque will be forfeited if the party decline the contract or fail to complete the work contracted for, and will be returned in case of non-acceptance of tender.

The Department does not bind itself to accept the lowest or any tender.

By order,

F. F. E. ROY,

Secretary.

Department of Public Works,
Ottawa, 6th Sept., 1894.

Rules for draining land have been prepared by Mr. P. C. Knight, of Pontiac, Ill., for the Illinois Society of Engineers and Surveyors. Where the subsoil is sandy, gravelly, or both, and the main drain can be laid between 4 and 5 feet deep, the laterals may be laid 250 feet apart. In more compact soils, the laterals must be laid closer, 150 to 200 feet in yellow clay and 50 to 150 feet in blue clay. It is not advisable to lay tile in blue clay at the depths they may be laid in sand, gravel, or yellow clay; a depth of from 3 to 4 feet for the main and from 2 to 3½ feet for the laterals is the best. As the depth of the laterals decreases, the closer should they be laid, smaller tile being employed. Mr. Knight states that he has found 4-inch laterals 800 feet long, having a fall of 1 in 900, and 250 feet apart to work well. Perfect alignment, especially vertical, is the most important factor in underdrainage, in his opinion.

Send for a copy of the second edition of the CANADIAN CONTRACTOR'S HAND-BOOK. Price, \$1.50; to subscribers, \$1.

CONTRACTS OPEN.

LISTOWEL, ONT.—A dam is to be built across the river here.

GLENCOE, ONT.—The question of constructing waterworks is under consideration.

NORWICH, ONT.—A by-law to raise \$5,000 to build a new town hall has been defeated.

BURGESSVILLE, ONT.—The G. T. R. will build an iron bridge over the Otter river near this place.

CHATHAM, ONT.—Plans are being prepared for a parsonage in connection with Victoria avenue Methodist church.

NFEPAWA, MAN.—The electors will vote on a by-law to provide the sum of \$2,000 for erecting a school in the north end.

SUSSEX, N. B.—Plans are being prepared for a new bridge to cross the stream running into the Kennebecasis river near this town.

ALEXANDRIA, ONT.—The site for the boys' reformatory to be erected by the Government near here is likely to be selected at an early date. About 150 acres will be required.

NEW GLASGOW, N. S.—The Steel Co. and the Iron and Railway Company are negotiating with a view to an amalgamation, which, if carried out, will result in the erection of additional plant.

ST. JOHN, N. B.—The construction of a cold storage warehouse is being agitated. A local firm has offered to erect a suitable building for \$9,500, the machinery to cost about \$5,000 extra.

DIGBY, N. S.—A joint stock company has been formed, with a capital of \$30,000, to erect a summer hotel capable of accommodating 150 guests. It is to be located on Robinson's Point.

EDMONTON, N. W. T.—The town council has voted \$1,000 towards the erection of the general hospital.—McKenzie, Powis and Co., wholesale grocers, intend putting up a building, 26 x 50 feet.

PRESTON, ONT.—H. R. Barber, architect, of Hamilton, has designed and is superintending the construction of a brown stone villa residence here for Peter Bernhardt, to be fitted with all modern improvements.

CHATHAM, ONT.—A petition has been presented to Council asking for the construction of a granolithic pavement on King street, north side, from Fifth street to the Chatham Loan Building, and the work is to be proceeded with at once.

CALGARY, N. W. T.—The Calgary Irrigation Company have filed the necessary plans with the Interior Department at Ottawa, and will make application to divert sufficient water from the Elbow river to irrigate lands amounting to 45,000 acres.

HULL, QUE.—The City Council has decided to accept the proposition made by Mr. Bourque, of Ottawa, for the extension of the waterworks system, and the work,

which will cost about \$30,000, will be proceeded with at once. Mr. Frank Hibbard, C. E., will make the necessary estimates and superintend the construction for the city.

KINGSTON, ONT.—A syndicate of British capitalists has been formed to work mining properties in the County of Frontenac. Capital \$450,000.—Improvements are to be made to the City Hotel.—Petitions for water mains on Elliot and Collingwood streets, at a cost of \$2,227 and \$2,800 respectively, have been sent to Council.

DUNDAS, ONT.—A deputation from this vicinity recently interviewed the Provincial authorities asking that the sum of \$4,000 set apart by the Government for the purpose of draining 200,000 acres of land, and the deepening of the Nation river, be expended, and that the work be proceeded with. The money will be forthcoming.

LONDON, ONT.—The Free Library Board has decided to erect a public library building at once at a cost of \$12,000. The plans of Mr. H. Matthews, of Brooklyn, N. Y., have been accepted. The structure will be of red brick, 100 x 60 feet. The first floor will be devoted to library purposes, and the second to a museum.—Mrs. Esther Cousins, of Wellington road, will erect a brick veneer residence on Simcoe street to cost \$1,000.

WINNIPEG, MAN.—Manager Witt, of the Grand Forks Opera House, St. Paul, has had plans prepared for the remodeling of the brick block next the Manitoba Hotel for an opera house, with a seating capacity of 2,000 persons. All modern improvements will be employed. The plans have been sent to St. Paul for approval, and it accepted of work will probably be commenced this fall.—The C. P. R. Company are making extensive preparations for the irrigation of the company's lands in Assiniboia and Alberta.—Mr. Ruttan, City Engineer, has prepared a report on the drainage of the northwestern portion of the city, which will be considered by the Council at an early meeting.

OTTAWA, ONT.—J. H. Balderson, Secretary Department of Railways and Canals will receive tenders until noon on Tuesday, the 18th October, for the supply of the following: 1000 tons of 50-lb. steel rails to be delivered C.I.F. on the Prince Edward Island railway wharf at Summerside, Prince Edward Island; 300 tons 56-lb steel rails to be delivered C.I.F. on the Intercolonial railway wharf at Richmond, (Halifax), Nova Scotia; 3000 tons of 67-lb. steel rails to be delivered on the Intercolonial railway (Princess Pier) wharf, at Levis, opposite Quebec. All the above rails to be delivered in the month of June, 1895.—Surveys are being made by the Government for the improvement of the canal bank in the vicinity of the Deep Cut.—Mr. Collingwood Schreiber, chief engineer of Railways and Canals, has recently returned from the Trent Valley district. In about three weeks time tenders will be called for portions of