

CANADIAN CONTRACT RECORD

A Weekly Journal of Advance Information and Public Works.

ITS PURPOSE: TO SUPPLY TO CONTRACTORS ADVANCE INFORMATION RESPECTING CONTRACTS OPEN TO TENDER, AND TO ARCHITECTS, ENGINEERS, MUNICIPAL AND OTHER CORPORATIONS, A DIRECT MEDIUM OF COMMUNICATION WITH CONTRACTORS.

ITS MERIT: ECONOMICAL AND EFFECTIVE SERVICE.

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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. 30 and 21, 1889, 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. Duilop, 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."

The publisher desires to ensure the regular and prompt delivery of this Journal to every subscriber, and requests that any cause of complaint in this particular be reported at once to the office of publication. Subscribers who may change their address should also give prompt notice of same, and in doing so, should give both old and new address.

To Gasfitters & Plumbers

Sealed tenders addressed to the undersigned for supplying and fixing the

Gas Piping, Water Mains and Appliances for Fire Protection, and

Wires for Electric Light,

for the Oxford County Court House, will be received up till the

28TH DECEMBER INSTANT.

Plans and specifications can be seen and information obtained from the Architects, Messrs. Cuthbertson & Fowler, at their office in Woodstock.

JAMES WHITE,
County Clerk.

Woodstock, December 1st, 1891



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till noon on TUESDAY, DECEMBER 15TH, 1891, for the following sewers.

Pears Avenue, from Avenue Road to Bedford Road; Carlyle Avenue, Perth Avenue to west end; O'Hara Avenue, from present terminus to railway tracks; Gore Vale Avenue, College Street to Garrison Creek.

Plans can be seen and forms of tender obtained on and after December 8th, 1891, at the office of the City Engineer.

A deposit in the form of a marked cheque, payable to the order of the City Treasurer, for the sum of 5 per cent. on the value of the work tendered for under \$1,000, and 2½ per cent. over that amount, must accompany each and every tender, otherwise it will not be entertained. All tenders must bear the bona fide signatures of the contractor and his sureties (see specifications), or they will be ruled out as informal.

The Committee do not bind themselves to accept the lowest or any tender.

JOHN SHAW,

Chairman Committee on Works.
Committee Room, Toronto, Nov. 30th, 1891.

The process of making cedar shingles with a knife instead of a saw, is thus described: The cedar bolts are steamed five hours, then run through a trimmer after which they go to the cutting knife, a heavy knife, running at 100 strokes a minute, the shingles being cut off with ease at rate, coming from the machine almost too rapidly, in fact, to be counted. They are hot and steaming and cut smooth, and are afterwards treated the same as other shingles. It is claimed that the steaming drives out all the sap and prevents all liability of warping, there is also no sawdust, hence no waste. The highest cut made in a ten hours' run is put at 96,000.

Among the good applications of Portland cement in works and engineering structures is the coating of wood. According to the *Bauzeitung*, wood to be coated with cement should be rough, and the best coating is produced by a mixture of one part of cement, two parts of fine sand, and one part of curdled milk. Not more of the composition should be made at a time than can be used in half-an-hour and during the application it should be continually stirred to prevent the sand from settling out. It is best to lay on two coats, the second thicker than the first. Such a coating adheres well to wood, while it effectually protects from rot. Woodwork exposed to the risk of charring, from the vicinity of fires, gas-lights, etc., may also be to a great extent protected in this way. Another mixture for the same purpose may be made of good fresh cement and curdled milk, worked up together until as thick as oil paint, and then applied to the wood. This mixture will be smoother than the other, but of course will not go so far. It is a good mixture also for ironwork exposed to the weather.

CONTRACTS OPEN.

WINGHAM, ONT.—Several bridges have been destroyed by floods.

HIGH BLUFF, MAN.—Mr. Cahoon is talking of erecting a flour mill.

SUDBURY, ONT.—Steps are being taken to erect a general hospital.

KINGSTON, ONT. The by law granting \$5,000 for a new fire station has carried.

RICHMOND, QUE.—St. Anne's church is arranging for the building of a parsonage.

NORWOOD, ONT.—The O. & L. C. railway company will build a grain elevator here.

KNOWLTON, QUE.—The waterworks by-law will be submitted to the ratepayers in January.

CAPE VINCENT, ONT.—The Cleveland Seed Company intend erecting a large warehouse here.

PORT STANLEY, ONT.—Mr. Lew Duke, of St. Thomas, contemplates the erection of a summer hotel here.

LONDON, ONT.—The City Engineer will receive tenders until the 7th inst. for a furnace for No. 2 fire hall.

BROCKVILLE, ONT.—A bonus of \$15,000 has been offered a Gananoque company to establish their works here.

KINGSVILLE, ONT.—The Methodists of this town will next spring commence the erection of a new church to cost about \$2,000.

KINGSTON, ONT.—The Gas Company intend erecting an addition to their premises on the corner of King and Queen streets.

WALKERTON, ONT.—The new iron bridge in process of erection and a couple of other bridges were recently carried away by floods.

VANCOUVER, B. C.—The congregation of First Presbyterian church are contemplating the erection of a new church, at a cost of \$20,000.

GUELPH, ONT. The Bell Organ and Piano Company have decided to erect an addition to their factory on Macdonnell street, 107 x 100 feet in size.

OWEN SOUND, ONT. The council has decided to build a new wooden bridge across the Sydenham river, the cost to be about \$800. Tenders will be asked for at once.

STRATFORD, ONT.—H. J. Powell, architect, will shortly award contracts for remodelling a store on Market street, at a cost of \$1,000. The building is to have a plate glass front.

WESTON, ONT.—At a meeting of ratepayers held recently, it was decided to grant a bonus for the erection of a large woodenware factory. The company intend building at an early date.

WOODSTOCK, N. B. Alfred Harns, Government bridge builder, is here locating the piers for the new river bridge. The piers are to be of stone and superstructure of iron. Tenders will be called for shortly.

PETERBORO', ONT.—Mr. G. W. Ranney, C. E., is making a survey of the Ironside and Bancroft railway from Pine Lake to Bancroft, with a view of extending the line further north to serve the Monmouth phosphate mines.

GALT, ONT.—A company is being formed for the manufacture of fire arms.—Grand Trunk engineers have recently been making surveys in