

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,

A Weekly Journal of Advance Information and Public Works,

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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, 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. Dunlop, that 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 of the "Canadian Contract Record" 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.

TENDERS WANTED.

The Council of the Corporation of the City of Brantford will receive tenders up to 12 o'clock noon, on

Thursday, the 10th September

next, for the construction of about 420 feet of Stone Flag Sidewalks, a 50 feet the construction of Cement, Asphalt, and Plank Sidewalks.

Specifications for all the walks can be seen at the office of the City Engineer, I. Harry Jones, C.E., and at the office of the City Clerk.

The tenders to be addressed to James Wood-yatt, City Clerk, and marked "Tenders for Sidewalks."

The lowest or any tender not necessarily accepted.

CHAS. WHITNEY,
Chairman of Board of Works.

Brantford, 24th August, 1891.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till 11 o'clock a.m. TUESDAY, THE 8TH DAY OF SEPTEMBER, 1891, for the following works:

SEWERS:

Lynd avenue, College street to Dundas street.
Birtle avenue, Jones avenue to Brooklyn ave.
Gerard street, Broadview avenue to River Don.

CEDAR BLOCK PAVEMENTS:

Tranby avenue, Bedford road to 157 $\frac{1}{2}$ easterly.
Brown street, full length.

Abbs street, Brock avenue to west terminus.
Henderson avenue, Clinton street to Grace street.

Sully street, terminus of pavement to College Street.

Darling avenue, north terminus to south terminus of College street.

Walter street, Davenport road to McMurchie street.

Duncan street, Macdonnell avenue to Sorauraen avenue.

Manon street, Lansdowne avenue to Macdonnell avenue.

Plans can be seen and forms of tender obtained on and after the First day of September, 1891, at the City Engineer's office.

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 2 $\frac{1}{2}$ 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, August 27th, 1891.



Notice to Contractors.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till Eleven o'clock a.m. on FRIDAY, SEPTEMBER 4, 1891, for the following works:

CEDAR BLOCK PAVEMENTS:

Dupont Street, from Manning avenue to Bathurst Street.

Delaware avenue, from Bloor Street to Union Street.

Plans can be seen and forms of tender obtained on and after August 28th inst., at the City Engineer's office.

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 2 $\frac{1}{2}$ 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 Rooms, Toronto, August 21, 1891.

PROPOSALS FOR ELECTRIC LIGHT

FOR THE CITY OF KINGSTON.

Sealed proposals for lighting the streets of the city of Kingston with Electric Light will be received up till noon of the 31ST OF AUGUST INST.

Specifications and particulars can be obtained by applying to the City Engineer, Kingston, Ont. The lowest or any tender not necessarily accepted.

JOHN McCAMMON,

Chairman Com. Fire, Water and Light,
Kingston, Aug. 15, 1891.

USEFUL HINTS.

Iron sinks which have become rusted may be cleaned by rubbing well with kerosene oil, allowing the oil to remain on over night, then washing thoroughly with soap suds. If one such application is not sufficient, repeat the process.

In laying zinc, avoid nails and all contact with iron or lime. Allow sufficient play for contraction and expansion, and arrange the drips and falls so as to avoid the necessity of any soldering. It is best to consult a zinc worker when setting out roofs.

To harden files the following will be found effective. Rub a little hard soap across the teeth to keep from scaling; heat to a cherry red, and dip endwise in salt water; then dip in hot fresh water to remove any salt on the teeth, dry over the fire, and wet slightly with linseed oil on a rag.

CORROSION OF IRON.—A meeting of the Scottish Section of the Society of Chemical Industry has been held in Edinburgh, at which Mr. R. Irvine read a paper on "The Corrosion of Iron." In the course of the paper he dealt with the rusting of the metal and the causes of it; the action of acid produced by smoke from the burning of coal in towns which dissolved iron; the solution of iron in sea water, as exemplified in the case of steamships; and, lastly, the effect produced by using the same structure iron of different kinds, such as cast and malleable iron, which resulted in galvanic action and corrosion of the weaker metal. In illustration of this he cited the Forth Bridge, which was entirely built of mild steel, and contrasted it with the old Tay bridge, in which both cast and malleable iron were employed. In the case of the former none of the action which he had described took place, while in the case of the latter the combination caused the bridge to become a galvanic battery, which induced oxidation and destruction of the malleable iron.