

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.

Vol. 2. Toronto and Montreal, Canada, May 30, 1891. No. 16

THE CANADIAN CONTRACT RECORD,

A Weekly Journal of Advance Information and Public Works.

PUBLISHED EVERY SATURDAY

As an Intermediate Edition of the "Canadian Architect and Builder."

Subscription price of "Canadian Architect and Builder" (including "Canadian Contract Record"), \$2 per annum, payable in advance.

C. H. MORTIMER, Publisher.

14 KING ST. WEST, TORONTO, CANADA.
Telephone 2362.

64 Temple Building, Montreal,
Bell Telephone 2259.

Information from any part of the Dominion regarding contracts open to tender, sent exclusively to this Journal for publication, and not elsewhere published, will be liberally paid for.

ADVERTISING RATES ON APPLICATION.

At its Convention held in Toronto, Nov. 20 and 21, 1890, the Ontario Association of Architects manifested 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."

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

WILL BE RECEIVED FOR THE ERECTION OF
Two Stores and Additions to the
"Queen's Hotel," Barrie,

up till 5 p.m. SATURDAY, JUNE 6TH, for the various works required.

Plans and specifications can be seen at the office of Thos. Kennedy & Co., Architects.

Tenders to be addressed to

A. W. BROWN,
Barrie, Ont.

TENDERS WANTED.

Tenders will be received at the office of the undersigned until JUNE 8TH, 1891, for the various works for Four Houses on Dorchester Street.

The lowest or any tender will not necessarily be accepted. Contractors will be required to furnish satisfactory evidence of their ability, financial and otherwise, to properly execute the work.

WRIGHT & SON, Architects,
204 St. James Street, Montreal.

TO BRIDGE CONTRACTORS.

Tenders for building and erecting a STEEL OR WROUGHT IRON HIGHWAY BRIDGE across Cedar Creek in the Town of Woodstock will be received by the undersigned up to noon, SATURDAY, 6TH JUNE.

Specifications may be obtained from W. M. Davis, Town Engineer.

The lowest or any tender not necessarily accepted.

GEO. C. EDEN,
Town Clerk.

Woodstock, 26th May, 1891.

TENDERS

Will be received until 12 o'clock noon on MONDAY, THE 8TH JUNE, for the various works required in putting an additional story and other alterations and additions to a

WAREHOUSE ON BAY STREET.

Also for a new passenger elevator for same.

The lowest or any tender will not necessarily be accepted.

GORDON & HELLIVELL, Architects,
26 King Street East, Toronto.

To Iron Bridge Builders and Masonry Contractors.

SEALED TENDERS endorsed "Tender for Superstructure." will be received by the undersigned Bridge Commissioners, for the construction of a WROUGHT IRON OR STEEL BRIDGE (ready for travel) over the Rideau River at Burrill's Rapids, in the Counties of Grenville and Carleton, Ont.

Bridge to consist of two spans of 105 feet each, measured between centre of bearings, and to have a clear roadway of 18 feet, and to be proportioned to carry (in addition to its own weight) a moving load of 100 lbs. per square foot of total floor area. Builders for the above work must furnish complete plans, strain sheets, specifications, etc., or their tender will not be considered.

SEALED TENDERS endorsed "Tender for Substructure," will also be received for the preparation of the foundations, the furnishing of all the materials, and the construction of two abutments and one pier of masonry.

Plans, specifications, etc., of masonry to be seen and forms of tender to be had after May 30th, at the office of the County Clerk of Leeds and Grenville, Brockville, and at the office of the County Clerk of Carleton, Ottawa, Ont.

Tenders will be received up to four o'clock p.m. TUESDAY, JUNE 4TH, 1891, and may be addressed either, J. C. Rutherford, Esq., Kempville, Ont., or Chas. McNab, Esq., County Clerk of Carleton, Ottawa, Ont.

As a guarantee of the good faith of the bidder each tender (for either superstructure or substructure) must be accompanied by an accepted cheque for \$100 in favor of the Bridge Commissioners. This cheque will be returned if the tender is not accepted.

The lowest or any tender not necessarily accepted.

J. B. LEWIS,
Engineer Carleton County.

B. J. SAUNDERS,
Engineer Leeds & Grenville Counties.

T. KERR,
J. WHITESIDE,
J. C. RUTHERFORD,
D. ROSS,
Commissioners.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till eleven o'clock a.m. of the 16TH JUNE, 1891, for the following works

ASPHALT PAVEMENT

On Sherbourne Street, from south drive to north end

CEDAR BLOCK PAVEMENTS

On Harris Street, from Queen Street to Paul Street.
On Bismarck Avenue, from Wynne Street to eastern terminus.

Howard Park Avenue, from Dundas Street to Roncesvalles Avenue.

Plans can be seen and forms of tender obtained on and after June 4th 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 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 contractors 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, May 29th, 1891.

"PLATE GLASS BRICK."

A new industry is the manufacture of plate glass bricks. The bricks being made from the sand formed in the grinding of the glass. The great expense in the manufacture of plate glass is in the lengthy process of grinding, the grinding being done by a forward and backward movement of damp quartz sand over its surface. The sand rests upon iron plates having an oscillating movement.

The quartz cuts into the glass and iron and becomes mixed with both, and when sharp edges of the particles of sand are worn away, it is piled up as worthless. The sand is said to contain about 15 per cent. of pulverized glass and 2 per cent. iron particles. Experiments in the manufacture of brick from this material have been attended with most satisfactory results. The iron-glass-sand which is still very damp after being discarded, is first dried and then pressed into the mold under a pressure of several thousand pounds to the inch. The bricks thus obtained are subjected to a temperature of 2,732 degrees Fahrenheit, when the glass and sand enter into combination, forming an entirely new product.

A peculiarity of these "plate glass" bricks, which are perfectly white, is that they resist the frost, and are not attacked by acids. They will also resist a crushing force of from 800 to nearly 1,000 pounds to 0.155 square inch. They are said to be much superior to others, not only in point of durability, but in appearance.—
Builder and Wood worker.