

The Canadian Architect
46 Richmond St. E.

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. 1. Toronto and Montreal, Canada, December 6, 1890. No. 43

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.
Temple Building, Montreal.
Bell Telephone 2799.

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, 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.



Sealed tenders addressed to the undersigned, and endorsed "Tender for Dormitory, Royal Military College, Kingston, Ont.," will be received at this office until Friday, 12th December, 1890, for the several works required in the erection of Dormitory Building, Royal Military College, Kingston, Ont.

Specifications can be seen at the Department of Public Works, Ottawa, and at the office of Messrs. Power & Son, architects, Kingston, on and after Friday, 21st November, 1890, and tenders will not be considered unless made on form supplied, and signed with the actual signatures of tenderers.

Each tender must be accompanied by an accepted bank cheque, payable to the order of the Honorable the Minister of Public Works, equal to five per cent. of amount of tender, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender be not accepted the cheque will be returned.

The Department will not be bound to accept the lowest or any tender.

By order, A. GOBEIL, Secretary.

Department of Public Works,
Ottawa, Nov. 19th, 1890.

TENDERS WANTED

Until one o'clock on MONDAY, THE 17TH INST., for all trades except brickwork required in the erection of

PAIR BRICK AND STONE DWELLINGS
on Ossington Avenue.

ROBT. OGILVIE, Archt. cct.
93 Adelaide St. E., Toronto.



NOTICE TO CONTRACTORS. SEWER PIPE.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till noon on TUESDAY, 23RD DECEMBER, 1890, for supply of Pipe for the year ending 31st December, 1891.

Approximate quantity of Pipe required:—6-in. pipe, 35,000 feet; 6-in. bends, 200; 9-in. pipe, 5,000 ft.; 9-in. bends, 100; 12-in. pipe, 12,000 feet; 12 x 6-in. junctions, 800; 12 x 9-in. junctions, 200; 15-in. pipe, 3,000 feet; 15 x 6-in. junctions, 200; 15 x 9-in. junctions, 100; 18-in. pipe, 500 feet; 18 x 6-in. junctions, 20; 18 x 9-in. junctions, 40; 1-ft. 2-in. x 1-ft. 9-in. tile invert, 2,000 feet; 2-ft. x 3-ft. tile invert, 3,000 feet; 6-in. stoppers, 800; 9-in. stoppers, 200.

Specifications and forms of tender can be obtained on and after the 1st of December 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 2½ per cent. on the value of the work tendered for, 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. 26th, 1890.



Sealed tenders addressed to the undersigned, and endorsed "Tender for Iron Superstructure, York Bridge," will be received until Tuesday, the 9th day of December next, inclusively, for the construction and erection in place of the IRON SUPERSTRUCTURE of the bridge now in course of construction across the Grand River at the Village of York, Haldimand County, Ontario, according to plans and a specification to be seen at the Department of Public Works, Ottawa.

Tenders will not be considered unless made on the forms supplied and signed with the actual signatures of tenderers.

An accepted bank cheque, payable to the order of the Minister of Public Works, for the sum of eight hundred dollars (800.00), 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, A. GOBEIL, Secretary.

Department of Public Works,
Ottawa, 18th Nov., 1890.

Montreal Board of Trade

NOTICE TO CANADIAN ARCHITECTS.

The conditions of competition for the BOARD OF TRADE BUILDING are now ready, and can be procured from the undersigned.

By order of the Building Committee.

GEO. HADRILL,
Secretary.

A NEW BUILDING MATERIAL.

A paper published at Santa Fe, N. M., says: A local contractor named Monier, a Frenchman, while on a visit to Paris recently, learned the secret of the manufacture of a new and cheap building material, which he is about turning to good account here. In Paris he found many large structures built of concrete mixture, of which volcanic sand is the chief ingredient. He spent much time familiarizing himself with the details of the French methods of manufacture, and on returning home he immediately set about experimenting with the volcanic sands which exist in vast quantities near this city. As a result, he displays to-day specimens of his manufacture which seem to bear out every claim for them as a building material.

Four ingredients are used in its manufacture. Volcanic sand, lime and water are the known elements. The secret exists in the fourth ingredient, and in the proportion of materials used to produce the required result. The stuff is one-half lighter than stone, is turned out in molds, requires no burning, and can be manufactured as cheaply as brick, which at the present time are selling at \$4 a thousand. It is claimed for it that it is more durable than sand, and the action of the weather has no effect on it. In appearance it is a chalky white, mottled like granite. It can also be made into hollow brick, and laid soft in the walls between the molds and left to dry like concrete, when it becomes as solid as a stone wall. Mr. Monier has applied for letters patent on his invention, and already has his plans nearly ready and perfected for beginning its manufacture here on a large scale. Since volcanic sand and lime-rock abound in parts of the Rocky Mountains, it is thought that the manufacture of this class of material will soon develop into a very profitable industry.