

THE 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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and Public Works,

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Information from any part of the Dominion regarding contracts open to tender sent exclusively to this Journal for publication, 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 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 FOR SIDEWALKS.

Tenders will be received up to the 30th day of September for the laying of about 3,000 feet lineal of 4 feet plank sidewalk in Mimico, from Vincent street, by way of Superior street, to the Lake shore. Plans and specifications can be seen at the office of the undersigned or at the office of A. McPherson, Esq., Township Clerk, Islington, to either of whom tenders are to be addressed.

By order,

JOHN T. STOKES, C. E.

Court House, Toronto, Sept. 18th, 1890.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to noon on Tuesday, Sept. 23rd, for the following works:-

ASPHALT PAVEMENTS

On Wellington street, from Bay street to York street (with stone kerbs), and on both sides of St. Lawrence Market, underneath the covered portion

Plans can be seen, quantities and forms of tender obtained on and after Sept. 18th 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 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, Sept. 15th, 1890.

TENDERS WANTED

until the 24th inst. for the different branches of work required in the construction of ten solid brick houses to be built on Grace Street. Plans and specifications can be seen at 75 Ossington ave. JOSEPH HARRINGTON.

TENDERS

Will be received up to FRIDAY, SEPTEMBER 26TH, for alterations to Bay Horse Hotel, Yonge Street.

MALLORY BROS., Architects,
Room K, Toronto Arcade.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up till noon on Tuesday, October 7th, for the

CONSTRUCTION OF A SEWER

On the North-West branch of the Garrison Creek, extending from Ossington Avenue to Bloor Street. Plans can be seen, and forms of tender obtained at the City Engineer's office, on and after the 30th day of September.

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, Sept. 16th, 1890.

Notice to Contractors.

Sealed tenders, addressed to the undersigned, will be received at his office until WEDNESDAY, 1ST OCTOBER, for the work in the different departments enumerated below required in the restoration of Toronto University building.

I. IRON WORK.

II. CARPENTER AND JOINER WORK.

III. TINSMITH WORK.

IV. SLATER'S WORK.

V. FELT ROOFING.

VI. PLASTERER'S WORK.

VII. PLUMBING AND GASFITTING.

VIII. PAINTING AND GLAZING.

IX. VAULT DOORS.

Plans and specifications may be seen at the office of David B. Dick, Architect, 17 Toronto Street, on and after Tuesday, 16th inst.

The lowest or any tender will not necessarily be accepted.

J. E. BERKELEY SMITH,

Bursar University of Toronto.

120 Simcoe St., Toronto, 15th Sept., 1890.

The "Canadian Contractors' Handbook," 50 cents to RECORD subscribers.



TENDERS FOR PUMPING ENGINES.

Notice is hereby given that the Committee on Water Works of the municipal corporation of the City of Toronto will receive tenders, addressed to the undersigned, by registered post only, up to the hour of twelve o'clock noon on MONDAY, 20TH OCTOBER, 1890, for

TWO PUMPING ENGINES

of the duplex type, each having a daily capacity of ten million gallons, together with necessary boilers for same, the whole to be in accordance with the general specifications which may be obtained at the office of the Superintendent of the Department, City Hall, Toronto.

The tenders are received subject to the approval of the properly qualified selectors being obtained to a by-law providing the necessary funds.

The lowest or any tender not necessarily accepted.

WM. J. HILL,

Chairman Committee on Water Works.

City Hall, Toronto, 19th September, 1890.

TENDERS WANTED.

Sealed tenders will be received at the office of the undersigned up to 5 p.m.

MONDAY, OCT. 13TH, 1890.

For the furnishing of materials and labor required in the restoration and improving of

St. Paul's Cathedral, London, Ont.

Whole or separate tenders will be received for
Excavation and Drainage Work,
Rubble Stone Work,
Cut Stone Work,
Carpenter and Joiner Work,
Wrought and Cast Iron Work,
Painting and Glazing,
Plastering,
Plumbing, Steam Heating and Ventilating,
Roofing, &c.

Plans and specifications may be seen at the office of John M. Moore, Architect, Albion Buildings, London, Ont.

A deposit in the form of a marked cheque, payable to the Church Warden, for the sum of 5 per cent. of the value of the work tendered for to be deposited with each and every tender, otherwise it will not be entertained.

Lowest or any tender not necessarily accepted.

W. J. REID,

Church Warden.

Wrought iron pipe is said to expand 1-150,000 of an inch for each degree of test communicated to it. Take the length of your pipe in inches, multiply it by the number of degrees between the normal temperature it is required to attain when heated, and divide this by 150,000. Suppose your pipe is 100 feet long, and its temperature zero, and you wish to use it to carry steam at 200 pounds pressure—equal to a temperature of 338°—multiply 100 feet by 12 to reduce it to inches, and by 338, the difference in temperature; divide this by 150,000, and you will find the result to be 2.7 inches, which would be the amount of play that would be required, in this instance, in your expansion joint.