

# CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF PUBLIC WORKS

PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS

EVERY THURSDAY

This paper reaches every week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers, Purchasers of Municipal Debentures and leading Contractors in all lines throughout Canada.

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## THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY THURSDAY

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Advertising Rates on application.

Subscribers who may change their address should give prompt notice of same. In doing so, give both old and new address. Notify the publisher of any irregularity in delivery of paper.

### FOR SALE

Two second-hand Mantels and Grates. Apply corner Bellwoods Avenue and Arthur Streets, Toronto.

## LUMP TENDERS

Will be received at No. 106 Wellington Place, Toronto, for

### Alterations to Two Houses on Farley Avenue.

Plans may be seen from two to five P.M. from MONDAY, 4TH MARCH TO SATURDAY NOON.

HERBERT G. PAULL,  
Architect.



## NOTICE TO CONTRACTORS

### Pavement of Tracks on Avenue Road

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to eleven o'clock a.m. on SATURDAY, MARCH 7, 1895, for the following work:—

On Avenue Road, track allowance between Blue Street and Davenport Road, an asphalt pavement with street toolthing.

On Avenue Road, from Davenport Road to C. P. Railway tracks, cedar blocks on concrete, with granite toolthing.

Specifications may be seen and forms of tender obtained at the office of the City Engineer, Toronto, on and after the 2nd day of March, 1895.

A marked cheque payable to the order of the City Treasurer, for the sum of 2½ per cent. on the amount of the work tendered for, must accompany each and every tender, otherwise it will be ruled out as informal. The lowest or any tender not necessarily accepted.

DANIEL LAMB,  
Chairman of Committee on Works  
Committee Rooms, Toronto, Feb. 25, 1895.

Send for a copy of the second edition of the CANADIAN CONTRACTOR'S HANDBOOK, containing 150 pages. Price, \$1.50; 10-subscribers, \$1.00.

## TENDERS WANTED

Propositions for sinking an artesian well or wells at the village of Alexandria, stating terms per foot of depth, will be received up to the 20TH DAY OF MARCH, 1895. Address to undersigned.

D. A. McDONALD,  
Reeve.

Alexandria, Feb. 21st, 1895.

## TENDERS

Tenders will be received at my office (where specifications may be seen or obtained) up to 6 o'clock on THURSDAY, 14TH MARCH, for the following:—  
Plank Sidewalks, Artificial Stone Walks, Sewer Pipes and Cement; Lumber, Wire Nails, Gravel, Crossing Stone, Iron Castings, Stone Kerbing and Flagstone Walks.

ORMSBY GRAYDON, City Engineer.  
ALD. WM. HEAMAN, Ch. No. 2 Com.  
City Engineer's Office, London, Ont., Feb. 26, 1895.

## TENDERS

Separate or bulk Sealed Tenders delivered or sent in registered letter addressed to the undersigned, and endorsed "Tenders for Town Hall and Fire Station," will be received until March 15th next, inclusive, for all trades required in the erection and completion of municipal buildings and fire station combined, for the town of Carleton Place, according to plans and specifications to be seen at the Clerk's office, Carleton Place, or at the office of Geo. W. King, architect, Toronto.

Tenders will not be considered unless made on the terms supplied, and signed with the actual signatures of tenderers and their bondsmen.

An accepted bank cheque, payable to the order of A. R. G. Pedree, Town Clerk, Carleton Place, for the sum of not less than 2½ per cent. on amount of tender, must accompany each tender, together with the signatures of two responsible parties who will go security for the full amount of the tender.

Cheques will be forfeited if the party declines the contract, or fails to complete the work contracted for, and will be returned in case of non-acceptance of tender. It is expected that town labor will be employed as far as possible.

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

A. R. G. PEDREE,  
Town Clerk.

Carleton Place, Feb. 25th, 1895.



Sealed Tenders addressed to the undersigned, and endorsed "Tenders for Hot Water Heating Apparatus, Wolseley, Assa," will be received until TUESDAY, 10TH MARCH, for the construction of a Hot Water Heating Apparatus at the Wolseley, Assa, Court House.

Plan and specification can be seen and form of tender and all necessary information obtained at this Department, and at the office of D. Smith, Winnipeg, Man., after Tuesday, 26th February.

Persons are notified that tenders will not be considered unless made on the printed form supplied, and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque, made payable to the order of the Honorable the Minister of Public Works equal to five per cent. of the amount of the 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 does not bind itself to accept the lowest or any tender.

By order,  
E. F. E. ROY,  
Secretary.

Department of Public Works,  
Ottawa, 20th Feb., 1895.

## TENDERS FOR SUPPLIES

Tenders, marked "Tenders for Supplies," will be received at this office up to 5 o'clock, P.M., of MONDAY, THE 18TH DAY OF MARCH, prox., for furnishing the corporation of the town of Chatham with the following supplies for one year, from the 1st day of April, 1895.

### VITRIFIED SEWER PIPE CEMENT AND CURBING STONE

Specifications for the above may be had on application to the undersigned.

The Council reserve the right to reject any or all tenders.

JOHN TISSIMAN,  
Town Clerk.

Town Clerk's Office,  
Chatham, Ont., Feb. 25, 1895.

## SETTING AND BURNING PIPES AND TILES.

In the majority of yards it is usually found desirable to burn mixed kilns—that is to say, kilns crowded with bricks, pipes and tiles, and occasionally such goods as squares, crees, copings, &c. Much judgment is necessary in setting and building such a kiln, or there will be a large proportion of spoilt and soft goods. Excellent results in Scotch kilns are obtained by crowding in bricks for two-thirds of the space, then overlaying these with a tier or two of pipes of various sizes, and finishing off with the tiles. The pipes should be nested—that is, the smaller sizes packed within the larger sizes—this economizes space and checks the draught. The firing of such a kiln requires much more attention than is necessary for a kiln of bricks, since the tiles and pipes are thinner. After the live-holes are set going, no attempt should be made to push the fires for at least five hours, unless the goods are exceptionally dry. Then the firing should be increased progressively for the next thirty or thirty-five hours. At this stage the burner must be guided by watching the colour of the goods in the flues, and by observing "how she settles," as well as by noting the colour of the heated goods from the top of the kiln. The setting having proceeded regularly, and there being no "black spots" above, the kiln is damped down with ballast, and then the live-holes are banked up with ashes, the doors closed and plastered over, and the kiln is suffered to cool gradually. At the end of the second day "she may be opened" somewhat, the ballast being raked off the top and the doors of the live-holes unfastened. Finally, on the third day the clammins may be unpacked, and the kiln should be ready for drawing on the morning of the fourth day.—British Clayworker.