

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF 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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Notice to Contractors

CANADIAN CONTRACTORS HAND-BOOK

A new and thoroughly revised edition of the *Canadian Contractor's Hand-Book*, consisting of 150 pages of the most carefully selected material, is now ready, and will be sent post paid to any address in Canada on receipt of price. This book should be in the hands of every architect, builder and contractor who desires to have readily accessible and properly authenticated information on a wide variety of subjects adapted to his daily requirements.

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C. H. MORTIMER, Publisher,
Confederation Life Building, TORONTO

TENDERS

Will be received at the office of the City Clerk, Chatham, Ont., up to NOON OF MONDAY, THE 30TH DAY OF MARCH, INST., for the following supplies and works for corporation purposes, for one year from 1st April, 1896:

So much per foot for vitrified sewer pipe, to be delivered in such quantities and at such times and places in the City of Chatham as may, from time to time, be required.

So much per lineal foot for stone curbing, to be delivered free on board cars at Chatham.

So much per square foot for putting down such stone walks or crossings as may be required.

Also so much per square foot for imitation stone walks, all excavations made and material found by the contractor. All measurements of areas or openings in walks when they occur to be deducted; all tenders for this work to be accompanied by a specification of the work to be done.

Specifications and further information to be had on application at this office.

The council reserve the right to reject any and all tenders.

JOHN TISSIMAN,

County Clerk.

Chatham, Ont., March 12th, 1896.

TENDERS FOR BUILDING A CHURCH

Tenders will be received by the undersigned in sealed envelopes (marked Tender for Church) up to SATURDAY, APRIL 4TH, A.D., 1896, at 7 p. m., for erecting a Brick Church in the Village of Crediton.

Plans and specifications can be seen at the office of H. C. McElrde, Architect, London, or at the office of the undersigned, after March 20th, 1896. The lowest or any tender not necessarily accepted.

HENRY EILBER, Crediton, P. O.,
Chairman of Committee.

SEALED TENDERS

Addressed to the Architects will be received up to 12 o'clock, noon, on FRIDAY, MARCH 20TH, for the erection of a

BRICK RESIDENCE IN THE ANNEX.

The plans and specifications may be seen at the office of the Architects.

The lowest or any tender not necessarily accepted.

CURRY, BAKER & CO., Architects,
70 Victoria Street, Toronto.

USEFUL HINTS.

GLUING FOR STRENGTH.—It is stated that in putting together quartered pine or any other kind of wood in fact, greater strength and durability can be obtained by placing the grain of the wood at an angle of sixty degrees than can be obtained by crossing at ninety degrees. The reason for this is that as all wood expands and contracts more or less under the variations of moisture in the atmosphere, the pieces glued at an angle of sixty degrees can expand and contract to a certain extent without tearing themselves apart, as is the case when glued at an angle of ninety degrees. The sixty degree glue joint simply pulls the object out of a place a little and disturbs its shape, while the ninety degree glue joint pulls things all to pieces in its effort to accommodate itself to climatic conditions.

Take india rubber, cut into small pieces and digested in sulphuret of carbon, a jelly will be formed; this must be treated with benzine, and thus a much greater proportion of caoutchouc will be dissolved than would be done by any other method. The liquid might be strained through a linen cloth and the sulphuret of carbon be drawn off by evaporation in a water bath, after which the remaining liquid may be diluted at will with benzine, by which means a transparent, but still yellowish, liquid may be obtained. This liquid incorporates easily with all fixed or volatile oils. It dries very fast, and does not shine, unless mixed with resinous varnishes. It is extremely flexible, may be spread in very thin layers, and remains unaltered under the influence of air and light. It may be employed to varnish geographical maps or prints, because it does not affect the whiteness of the paper, does not reflect the light disagreeably, as resinous varnishes do, and is not subject to crack or come off in scales. It may be used to fix black chalk or pencil drawings, and unsized paper, when covered with this varnish, may be written on with ink.

CONTRACTS OPEN.

BLYTHESWOOD, ONT.—B. Roadhouse is preparing to build a brick dwelling in the spring.

QUEBEC, QUE.—It is stated that new churches are to be erected at Hedleyville and at the Palais.

PORT ELGIN, ONT.—A deputation has requested the government to improve the harbor at this place.

GRAND MANAN, N. B.—Burnham & Morrill, Portland, Me., will erect a lobster factory here, 100 x 20 feet.

WALKERVILLE, ONT.—Hiram Walker & Sons are negotiating for a site on which to erect a five-storey hotel.

NEWMARKET, ONT.—The installation of an electric light plant has been decided upon by the town council. Estimated cost, \$8,000.

FLINTON, ONT.—The congregation of the Church of England has purchased village lots for the purpose of building a brick church.

HAVELOCK, ONT.—The proposed Methodist church will be solid brick, estimated to cost from \$3,000 to \$4,000. Contract not yet let.

ELORA, ONT.—The Cockroft, Talbot & Harvie Carpet Co. propose operating a carpet factory here. The capital of the company is \$99,000.

GALT, ONT.—The market committee have been instructed to procure plans for enlarging the market building. The cost will be about \$5,000.

FREDERICTON, N. B.—A bill has been introduced in the Provincial legislature providing for the construction of a system of sewerage for the town.

AMHERSTBURG, ONT.—Application has been made to the government for a charter for the construction of an electric railway from Amherstburg to Harrow.

DUNDAS, ONT.—Mr. Bertram has given notice in Council that he will introduce a by-law to provide for the erection of a new fire hall at the next meeting.

WINDSOR, ONT.—The Water Commissioners are considering a scheme of constructing two wells for waterworks purposes, each 50 x 20 feet and 18 feet deep.

WOODSTOCK, ONT.—The congregation of Knox church have decided to erect a new edifice. The site has been purchased and plans will be prepared at once. The cost will be about \$35,000.

AYLMER, ONT.—The Aylmer Canning Co. propose erecting a brick addition to their factory in Hamilton and a frame addition to their buildings in this town. Estimated cost \$3,500. Contract not yet let.

BARRIE, ONT.—The Joint Stock Company have adopted the plans of Messrs. Kennedy, McVitte & Co., for the new agricultural building, to be used as a hockey and curling rink in winter; size 207 x 70 feet. The Public School Board