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CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF PUBLIC WORKS • TENDERS • ADVANCE INFORMATION • AND MUNICIPAL PROGRESS EVERY SATURDAY

Vol. 3.

Toronto and Montreal, Canada, July 9, 1892.

No. 21

THE CANADIAN CONTRACT RECORD,

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

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64 Temple Building, Montreal.
Bell Telephone 2269.

Information solicited from any part of the Dominion regarding contracts open to tender.

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. Duval, 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."

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.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post addressed to the City Engineer, Toronto, up to Eleven o'clock a.m. on TUESDAY, JULY 12TH, 1892, for the following works:

CEDAR AND GRANITE ROADWAYS.

On Queen Street, from Bathurst Street to Gladstone Avenue, cedar block with granite tooling and cobble stone, on concrete foundation.

On Queen Street, from Brockton Road to Roncesvalles Avenue, cedar block with granite tooling and cobble stone on concrete foundation.

The above work is to be done on the track allowance on the street.

Specifications and forms of tender may be obtained on and after July 5th, 1892, at the office of the City Engineer.

A deposit in the form of a marked cheque payable to the order of the City Treasurer, for the sum of Five per cent, on the value of the work tendered for under \$1,000, and 2 1/2 per cent, for the value of the work tendered for 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 of Committee on Works,
Committee Room, Toronto, June 30, 1892.

TENDERS

Will be received until MONDAY, 18TH INST., at noon, for the erection of

Dining Hall and Office Building

at Mimico, for the Industrial School Association. Plans and specifications may be seen at my office.

HENRY SIMPSON, Architect,
93 Adelaide St. East, Toronto.

SEALED TENDERS

Will be received by the undersigned, up to 4 o'clock p.m., on the 15TH DAY OF JULY, 1892, for the construction of an

IRON OR STEEL BRIDGE

across the Canaguigue river in the Village of Elmira, Ont. The lowest or any tender not necessarily accepted.

JOHN H. RUPPEL, Clerk,
Elmira Ont., Waterloo Co.



NOTICE TO CONTRACTORS.

Tenders will be received by registered post, addressed to the City Engineer, Toronto, up to Eleven o'clock a.m. of JULY 16TH, 1892, for the construction of the following works, viz:

SEWERS:

Liberty Street, from Atlantic Avenue to Pacific Avenue
Dupont Street, from St. George Street to Huron Street
Monk Street, from Bathurst Street to Markham Street
Barton Avenue, from Manning Avenue to Christie Street
Clinton Street, from Barton Avenue to Varmouth Road.

ASPHALT PAVEMENTS:

Yonge Street, from King Street to Hayter Street.
Yonge Street, from Grenville Street to Bloor Street.
King Street, from Sherbourne Street to Simcoe Street.
Rose Avenue, from Winchester Street to Howard Street.
St. James Avenue, from Ontario Street to Parliament Street.
Parliament Street, from Carlton Street to Winchester Street.
Devonshire Place, from Hoskin Avenue to Bloor Street.

STONE SETT PAVEMENT:

Yonge Street, from Hayter Street to Grenville St

CEDAR BLOCK PAVEMENT:

Dundas Street, from Soraurin Avenue to Bloor St.
Lucas Street, from Soraurin Avenue to Roncesvalles Avenue.

CEDAR, GRANITE AND CONCRETE

on track allowance only:

King Street, from Sherbourne Street to River St.
Spadina Avenue, from Queen Street to Bloor St.
Specifications and forms of tender may be obtained on and after July 5th, 1892, at the office of the City Engineer.

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 2 1/2 per cent, for the value of the work tendered for 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, June 28th, 1892.

NOTICE TO CONTRACTORS.

Tenders will be received by the undersigned till MONDAY, THE 25TH DAY OF JULY, 1892, at 6 o'clock p.m., for the following work

For paving with Cedar Blocks, that portion of Petrolia Street commencing at the track of the Michigan Central Railroad and running west to the west limit of Princess Street.

Plans and specifications can be seen at the Town Clerk's office in Petrolia, or at the office of J. M. Moore, Esq., Civil Engineer, London.

GEO. S. McPHERSON,

Town Clerk, Petrolia, Ont.
Petrolia, July 6th, 1892.

TO CONTRACTORS

Tenders will be received by the undersigned until 2 p.m. of SATURDAY, THE 10TH INST., for the several trade works required in the erection and completion of a Building for the Kingston Collegiate Institute Board of Trustees. Other modes of Steam Heating than that specified will be considered.

Lowest or any tender not necessarily accepted. Plans and specifications may be seen at our offices.

POWER & SON, Architects,
Leon Block, Kingston.

TENDERS.

Tenders, separate or lump, will be received until WEDNESDAY, THE 20TH INST., for the erection of a

STONE CHURCH

at St. Marys, Ont. Plans and specifications can be seen at the Presbytery, St. Marys, and also at the office of the undersigned, on and after Wednesday, the 13th inst.

Tenders to be addressed to the Rev. P. Brennan, P.P., St. Marys, Ont.

The lowest or any tender not necessarily accepted.

POST & HOLMES, Architects,
Manning Arcade, Toronto.

ELECTRIC LIGHTING.

Tenders will be received to the 13TH DAY OF JULY for the lighting of the streets and parks of the City of Brantford, Ont., to use sixty (60) electric arc lights more or less, of not less than 9770 amperes, each tender to give particulars of the machines to be employed, and machines to be of sufficient capacity to give at least 15 lights, and otherwise full particulars of the plant proposed to be put in, the proposal to be for lighting for 2, 3 and 5 years from the 10th day of September, 1892, all night and every night, the lights to be placed according to plan, particulars of which may be obtained by application to the undersigned.

Separate tenders are also invited to furnish a complete electric plant, to be put in ready for lighting and guaranteed to create at minimum capacity, sufficient power to produce, without strain, the maximum number of lights as stated above, burning all night and every night in the year, but to be run by the City only, also a tender to furnish a complete electric plant of the same capacity and put up as above, except that the City will agree to furnish all necessary motive power, but the whole plant to be run and owned by the City.

C. H. WATEROUS,
Chairman of Committee.

Town of Collingwood.

TENDERS FOR HEATING.

Tenders will be received by the undersigned up to noon of FRIDAY, JULY 24TH, 1892, for a system of STEAM HEATING for the Municipal Offices of the Town. Floor plans of the building may be seen at the Clerk's office, or copies will be furnished on the receipt of \$2. Tenders will require to be accompanied by plans and specifications of the system and a description of the boiler proposed to be put in.

The successful tender will require to enter into sufficient bonds that the system when completed will perform the work specified.

A separate tender may be put in for heating the Opera House in conjunction with the Municipal Offices. The lowest or any tender not necessarily accepted.

W. A. HODG,
Chairman of Committee.

Collingwood, June 22nd, 1892.

CONTRACTS OPEN.

WINCHESTER, ONT. - The Council have decided on the purchase of a fire engine.

PRESOTT, ONT. - The sum of \$500 has been subscribed towards the proposed grain elevator.

ST. MARYS, ONT. - The Council have decided on appropriation for the laying of gravel sidewalks.

ALBERTA, B. C. - Messrs. Hammett & White intend erecting a large saw mill here at a cost of \$200,000.

ALQUANDALE, ONT. - The members of St. George's church are discussing the erection of a new edifice.

CHATHAM, ONT. - Mr. Wilson, architect, has prepared plans for a wing on the west side of the Central School building.

LEWIS, ONT. - A new iron bridge is to be erected over the Moira river the present structure being pronounced unsafe.

PETERBORO', ONT. - A by-law to raise \$25,000 for the construction of a sewerage system has passed the Council.

FORT ERIE, ONT. - The Municipal Council desires to receive plans for the erection of a town hall, the cost of erection not to exceed \$8,000.

NORTH SYDNEY, N. S. - Tenders are being asked for the erection of a High School building on Regent street. Plans at Town Clerk's office.

WALKERTON, ONT. - W. A. McLean, Chairman Property Committee, will receive tenders until the 20th inst. for furnaces for the High School.

HALIFAX, N. S. - Mr. Edward Quirk has purchased a site on the northeast corner of Dresden Row and Spring Garden Row on which to erect a residence.

VAUDREUIL, QUE. - The Secretary Treasurer of the Municipal Council will receive tenders until the 21st inst. for the construction of an aqueduct over seven miles in length.

KINGSTON, ONT. - The Dominion Government proposes to erect two new buildings in connection with Kingston Penitentiary, one for a female prison and the other for a lunatic asylum.

STREETSVILLE, ONT. - The ratepayers have requested the Council to take immediate steps to secure a system of fire protection, consisting of a steam fire engine, cotton hose, hose reels, tanks, etc. The estimated cost is \$4,835.

ST. JOHN, N. B. - The Board of Works have

recommended to Council that the proposed wharf improvements at Sand Point be proceeded with at once with the exception of the elevator, the erection of which will be deferred until the amount of the Government grant is known.

VANCOUVER, B. C.—By-laws were carried by the ratepayers on Tuesday of last week authorizing the expenditure of the following sums: Completion and extension of waterworks, \$174,000; street improvements, \$95,000; sewerage system \$150,000; school sites and buildings, \$150,000.

ST. THOMAS, ONT.—A deputation of C. P. R. officials, together with the City Council and members of the Board of Trade, on Tuesday last surveyed the eastern portion of the city with a view to selecting a site for a station, round house and shops. No definite action was taken, but it is understood the new buildings will be erected in the vicinity of the Horton market.

VICTORIA, B. C.—The Provincial Government invites plans and estimates of cost of construction of a number of provincial buildings. The sum of \$500,000 is the amount set down by the Government for the buildings complete, \$75,000 of which sum was voted by the Legislature for a Lands Department building, which will be erected as soon as plans are decided upon. The other buildings will be erected at any time the Government may decide.

OTTAWA, ONT.—Wm. Smith, Deputy Minister of Marine will receive tenders until the 20th inst for the construction of a fish hatchery, with a steam boiler and pump, at Selkirk, Man.—The City and County Councils have appointed a deputation to wait upon the Dominion Government urging the construction of a bridge over the canal at the south end of Concession street.—It is understood that the Dominion Government will call for tenders for the construction of the remaining eleven sections of the Soulanges Canal at an early date.

MONTREAL, QUE.—Messrs. Perrault & Mesnard, architects, are preparing plans for five cottages for the Masson Estate, and tenders will be called for shortly.—Some time ago Sir Donald Smith purchased the Warkman property on the corner of University and Sherbrooke streets. It is understood to be his intention to convert this property into a ladies college in connection with McGill University and erect an addition thereto. It is also intended to erect two additional buildings adjoining the present property, the plans for which have been prepared and submitted, but have not been finally approved of.

HAMILTON, ONT.—The City Council has given notice of its intention to construct pipe sewers on the following streets: Main street, from Ontario avenue to Grant avenue, and on Grant avenue, from Main street to Stinson street, estimated cost \$1,500; Jackson street, from Hess street to Bay street, estimated cost \$950; Hunter street between Bay street and Caroline street, estimated cost \$150.—Wm. Stewart, architect, will receive tenders until Tuesday, the 12th inst., for the plumbing, painting and glazing, plastering, galvanized iron and roofing required in the erection of a branch of the Bank of Hamilton, at Alliston, Ont.—Building permits have been granted James G. Davis, two-story brick dwelling on King street, between Emerald street and Grant avenue, cost \$1,000; Alexander Main & Son, factory, building on Strachan street, cost \$1200; James Dore, two-story brick dwelling on Morden street, cost \$1,100.—W. A. Edwards, architect, invites tenders until Monday for the completion of the Barton street school, also for the erection of St. Matthews' church school for boys on Barton street.

TORONTO, ONT.—The York Township Council have passed a by-law for the erection of a new bridge across the Humber river at Bloor street, to cost \$3,500. Tenders will be called for immediately.—A petition has been presented to Council asking for a subway on Lansdowne avenue.—The corner stone of the new Anglican church of St. John at Norway will be laid on the 20th inst.—At a special meeting of the Senate of Toronto University held on Monday last, plans of the new chemical laboratory were submitted and approved. The Trustees were authorized to call for tenders and proceed with the erection at once.—The Council have authorized the construction of pavements on the following streets: King street, from

Sherbourne to River street, cost \$18,125; Spadina, from Queen to Bloor street, \$35,250; Dundas st., from Somerset to Bloor street, \$13,250; Bloor, from Dufferin to Dundas street, \$22,000; Avenue road, from Bloor street to north city limits \$22,325; King st., from Dufferin to Koonce valley avenue, \$25,000; Gerrard st., east to Pipe ave., \$24,450; Queen st., from Davies avenue to railway crossing, \$8,722.—The ratepayers of the northwestern portion of the Township of York will vote on a by-law on the 20th inst., to grant a bonus of \$20,000 to the Toronto and Richmond Hill Electric Railway Company, for the extension of the electric railway to Richmond Hill. The company will also build a loop line making connections with Bathurst street on the west and Sherburne street on the east.—J. W. Mallory, architect, 605 Adelaide st. East, will receive tenders until the 13th inst., for alterations and additions to a residence on St. George street.—The plans for the Isolation hospital were approved by the Board of Health on Thursday last. The Chairman is authorized to call for tenders at once.—The city officials held a conference with the railway authorities on Thursday last regarding the Esplanade agreement and the erection of the new Union station. Plans prepared by Messrs. Strickland & Symons, architects, were approved. The cost of the building is estimated at \$500,000.—Building permits have been granted as follows: Caleb Evans, 436 Markham st., pr. s. d. 2-story & attic bk. dwellings, 357-5 Markham st., cost \$6,000; Whaley, Royce & Co., additions and alterations, s. w. cor. Yonge and Richmond sts., cost \$3,000; Ladies School, 350 Jarvis st. additions, cost \$2,000; Powell & Parkinson, 3-story add. and alterations to 336 Yonge st.

FIRES.

A disastrous fire occurred at Yarmouth, N. S., on Thursday of last week, destroying Allen's barrel factory, Kinney, Haley & Co's. sash and blind factory, and Chute, Hall & Co's. organ factory, together with a number of small dwellings. The loss is estimated at \$50,000. The dwelling house of Mr. George Howland, at Springfield N. S., has been destroyed by fire.—The residence of Mr. Hal Ostrander, at Milford, Ont., was destroyed by fire on Monday last. Insurance \$2,000.—The Brunswick hotel, at Minnedosa, Man., one of the leading provincial hotels was burned on Saturday last.—A summer residence at Pointe Claire, Que., belonging to Mr. B. Leake of Montreal, was destroyed by fire on Friday evening of last week. The loss is estimated at over \$10,000, partly covered by insurance.

CONTRACTS AWARDED.

PERTH, ONT.—The contract for widening the stone bridge on Gore street has been awarded to Mr. A. Charlton, at \$1,210.

LINDSAY, ONT.—Mr. W. White has been awarded the contract for the erection of the new opera house at the price of \$11,610.

PETERBORO, ONT.—The contract for building an addition to the Lakeside separate school has been awarded to Mr. Wm. Fitzgerald.

WINNIPEG, MAN.—Messrs. Stewart & Hooper have secured the contract for an electric light plant of 2,000 lights to be installed for the Citizens' Electric Light Co. of Rat Portage.—Messrs. Wm. Robinson, C. E., and John Cross of Owen Sound, Ont., have been awarded the contract for the construction of a number of sewers, amounting to over \$75,000.

VICTORIA, B. C.—Messrs. McLellan & McFeeley have been awarded the contract for the plumbing, hot water heating apparatus and cornice work for the new Board of Trade building. It is said the figures are in the neighborhood of \$8,000.

MONTREAL, QUE., ONT.—Mr. John A. Lambert has been awarded the contract for the erection of two brick residences for Messrs. Armstrong & Cook.—Messrs. Anthony & Lapp have been awarded the bulk contract for the erection of two brick houses for the same firm.

TORONTO JUNCTION, ONT.—At a meeting of the Town Council held on Monday last, the Hamilton and Toronto Sewer Pipe Co. were awarded the contract for sewer pipes, at the

price of \$3,760, which includes \$484 for tile and \$480 for cement.

VANCOUVER, B. C.—Tenders have been accepted as follows for the erection of the new High School building: Masonry, cut stone and brick work, Nutt & Boyd, carpenter work, H. A. Bell, plastering, S. Macey, painting and glazing, Mr. Millrose, galvanized iron, Messrs. Colquhoun & Bell. The amount of the combined tenders is \$21,000.

NEWMARKET, ONT.—The Central Bridge Works, Peterboro, have been awarded the contract for a new steel bridge to be erected on Huron street. The Council have accepted the following tenders for waterworks supplies: lead pipe, Jas. Robertson, pipes and fittings, St. Lawrence Foundry Co., Toronto, hydrants and valves, Chas. Smith & Co.

TORONTO, ONT.—The Industrial Exhibition Association have awarded the contract for the erection of the grand stand on the Exhibition grounds to Messrs. R. Dimms & Son, at \$75,110.—Messrs. Elliott & Son, have been awarded the contract for painting and decorating the interior of Jarvis Street Baptist church.—The Public School Board have accepted the following tenders for the erection of a four-roomed school on Hurley street: masonry, S. Vokes, \$3,863; carpenter, John McDonald, \$2,753.25; plasterer, Watson Bros., \$527; painter, Charles Davis, \$251; galvanized iron work, Tucker & Dillon, \$107; plumbing, J. Sharlock, \$183; roofer, Douglas & Pinkett, \$295; heating and ventilating, Smead Dowd & Co., \$915.

MONTREAL, QUE.—Messrs. Loyal & Gordon architects, have awarded contracts as follows: For additions to Art Gallery on Phillips Square, excavator, drainage and masonry, Peter Lyall, brickwork, A. Wand, carpenter and joiner, Hood & Son; roofer, Drapeau Savegnat, plasterer, Ives, Phillips, painter and glazier, Geo. Kimber, plumbing, Garth & Co., floor and wall tile, Parkes, Reekie & Co., also for Boys Home as follows: excavator, drainage and masonry, Baricau & Fourmer, brickwork, A. Cowan, carpenter and joiner, P. Allasio, roofer, G. W. Reed; plasterer, W. Brunner, painter and glazier, Geo. Kimber, plumbing and heating, Metrae & Watson.—Contracts have been awarded as follows for the erection of four houses on Mountain street for Mr. George Bishop: excavator, drainage and masonry, Geo. Beauchamp, brickwork, Jos. Brunet & Son, carpenter and joiner, A. Resaud, plasterer, H. Constant, painter and glazier, Potier & Arcard, plumbing and heating, Bradeau & Lessard. The City Council has awarded contracts for drains as follows: Champlain street southward from Sherbrooke, M. Gooselm, \$5.65; rock excavation, \$4 extra, Mignonne street, from Frontenac to Berville, C. Bellmare, \$5.97 and \$5; Ontario street, from Elm avenue to Gule street, \$4.94 and \$4.

Tenders for asphalt paving on Notre Dame street, Ontario street, and Chaboulier square have been awarded to James Oelhrane at the following prices: Rock asphalt, \$3.23 and \$3.51 per square yard, hauling and laying flags, 28, 26c and 20c; scoria blocks, 20c; street railway tracks, grading, etc., 60c.—Wm. H. Hodson, Architect, has awarded the contract for Miss Hayes' building, on new line Bleury street to the following contractors: excavation, drainage, masonry and cut stone work, Louis Hughes; brickwork, Terrault & Pillemer; iron founder, Canadian Bridge & Iron Co.; carpenter and joiner work, Patrick McDermott; galvanized iron and tin snath work, Montreal Roofing Co.; plumbing, Carroll Bros.; plastering, Geo. Genet; painting and glazing, C. O'Brien; heating, I. Christy. The works are already commenced and are to be completed by December.

PERSONAL.

Will the Halifax subscriber who mailed express money order for \$2.00 to this office a fortnight ago, be kind enough to send us his name, so that the amount may be placed to his credit.

John Hall, builder, 17 Salem avenue, Toronto, has assigned to Henry Barber & Co.

MUNICIPAL DEPARTMENT.

LEGAL DECISIONS AFFECTING MUNICIPALITIES.

REG. V. DALY. Judgment on motion by the defendant to make absolute a rule nisi to quash his summary conviction by the police magistrate for the City of Toronto for an offence against the Liquor License Act on the ground that the magistrate improperly refused to hear the evidence of the defendant, relying on sec. 1 of the act to amend the Law of Evidence, 55 Vic., ch. 14 (O). Rule absolute quashing the conviction without costs, on the ground that the defendant's evidence was improperly rejected.

REG. V. BUTLER. Judgment on motion by the defendant to make absolute a rule nisi to quash the conviction of the defendant by the police magistrate for the City of Ottawa for driving an omnibus in that city without first taking out a license in pursuance of a by-law of the police commissioners. The defendant was a driver in the employ of the Ottawa City Passenger Railway Co., an incorporated company having the right to operate their railway on certain streets and claiming to be entitled to use omnibuses instead of cars on those streets. The defendant contended that the provisions of the by-law were in excess of the powers to "regulate and license the owners" of certain vehicles conferred upon the municipality by sec. 436 of the Municipal Act; that there was no power to compel a driver to take out a license, and that therefore there could be no valid conviction for driving without one. Rule absolute quashing the conviction, with costs to be paid by the informant, usual order of protection to the magistrate.

MCKAY V. CITY OF TORONTO. Judgment on appeal by the plaintiff from an order of Mr. Winchester, in chambers, dismissing the plaintiff's application for an order for particulars of the statement of defence of the defendant, Awde, who had pleaded "not guilty by statute," citing R.S.O., ch. 73, secs. 1, 13, 14, 15, and 20, and R.S.O., ch. 184, sec. 489, sub-secs. 50, 51, and 53, the claim being for wrongful seizure of a quantity of hogs by the defendant Awde, license inspector of the defendant Corporation, in the course of his duty as a public officer. Motion dismissed for the reasons given, both as to the validity of the plea, and as to the order for particulars by the learned referee in his judgment.

REG. V. MCGOWAN. Judgment on motion by the defendant to make absolute a rule nisi to quash the summary conviction of the defendant by a justice of the peace in the district of Parry Sound, for selling liquor on Sunday, contrary to the provisions of sec. 54 of the Liquor License Act. The grounds of the motion against the conviction were, amongst others, that the convicting magistrate was a justice of the peace by reason only of his position as reeve of the Village of Sundridge, and had no jurisdiction without that village (52 Vic., ch. 37, sec. 4), and that therefore the information laid before him was not laid before the justice "for" the district, as required by sec. 94 of the License Act; and that he had no power to convict, not being a justice "in" the district within the meaning of section 99. For the magis-

MUNICIPAL ENGINEERS, CONTRACTORS, AND MATERIALS.

trate and the prosecutor it was contended that the reeve had the full powers of a justice of the peace, and that the only limitation of his jurisdiction was territorial, and lay in the fact that these powers could only be exercised by him within the limits of the village. Motion on all grounds dismissed with costs.

GAS CONTRACTS.—The Supreme Court of Indiana held, in the recent case of City of Vincennes vs. Citizens' Gas Light Company, that where an ordinance simply grants to a gas company the right to pipe the streets and furnish gas to the city and its citizens it is to be construed most strongly against the grantee, but where, in addition to the bare grant, the ordinance embodies a contract between the city and company for the supply of gas by the company to the city, is to be construed and interpreted by its terms and conditions and the situation of the parties, like any written contract, and the intention of the parties arrived at if ascertainable; that the grant of the use of the streets for gas mains is in the nature of a license and is not exclusive, and combining the grant with a contract binding the city to take a certain amount of gas for a certain time, and leaving it unrestricted to manufacture, or purchase more from other persons, does not grant a monopoly; that such a contract is not a surrender of the legislative power of the common council; that a city has power to contract for a supply of gas for a stated period of time extending beyond the term of office of the individual members of the council making the contract, and that the time is largely within the discretion of the common council, and the courts cannot say that twenty-five years is an unreasonable time.

An automatic system of warning the inhabitants of towns and villages situated near rivers of an approaching inundation has been satisfactorily tested by two French scientists. The method is based on the well-known principle of fluids seeking the same level when in communicating vessels. The water in the river is connected by a pipe with a small reservoir containing an alarm of simple mechanism. As the level of the stream rises, the volume of the water in the receptacle increases in a corresponding measure, and the alarm, following the movement, gives, according to the respective elevations, electric warnings at a great distance.

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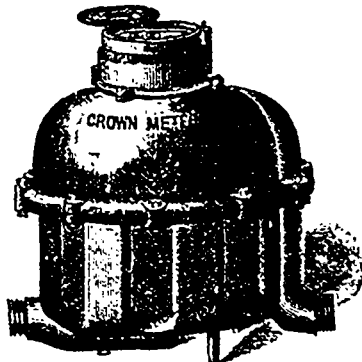
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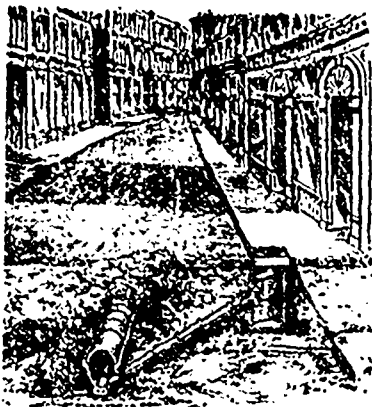
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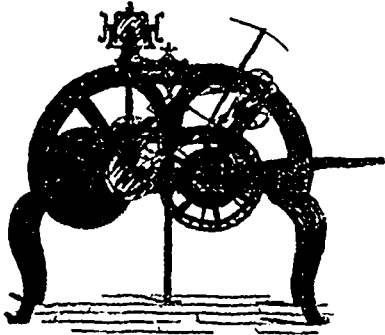
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Prices of Building Materials.

Table listing prices for lumber, mill cull boards, and yard quotations. Columns include item descriptions and prices for Toronto and Montreal.

Toronto. Montreal.

Table listing various building materials and their prices for Toronto and Montreal. Items include planks, flooring, brick, stone, slate, and paint.

Toronto. Montreal.

Table listing various building materials and their prices for Toronto and Montreal. Items include cement, lime, plaster, hair, and hardware.

Toronto. Montreal.

Table listing various building materials and their prices for Toronto and Montreal. Items include nails, iron, and structural steel.

INDEX TO ADVERTISEMENTS In the "Canadian Architect and Builder."

Index listing various companies and services under categories such as Architects, Contractors, Plumbers, and Painters.