

THE CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL OF CONTRACTING

EVERY

PUBLIC WORKS • TENDERS •
ADVANCE INFORMATION •
AND MUNICIPAL PROGRESS

WEDNESDAY

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.

VOL. 12.

MAY 8, 1901

No. 14

THE CANADIAN CONTRACT RECORD.

PUBLISHED EVERY WEDNESDAY
An Intermediate Edition of the "Canadian Architect and Builder."

H. MORTIMER PUBLISHING COMPANY
of Toronto, Limited,
CONFEDERATION LIFE BUILDING, TORONTO.
Telephone 2362.
Branch Office:
Imperial Building Montreal,
Telephone Main 2200.

TENDERS

Will be received until TUESDAY, 14TH MAY, by the different trades required in the erection of a RESIDENCE ON JAMIESON AVENUE.

C. J. GIBSON, Architect,
75 Yonge Street, Toronto.

TENDERS

Will be received until 12 o'clock noon, SATURDAY, MAY 11TH, for all trades, including plumbing and furnace, for the erection of a house on Waverley road. Lowest or any tender not necessarily accepted. Plans may be seen on application to

W. J. WEBB,
62 Adelaide Street East, Toronto.

Tenders for Hot Water Heating

Tenders will be received by the undersigned up to 5 p.m., MAY 20TH, for the heating of a two story Brick Residence. Plans and specifications may be seen at Messrs. Traill Bros. Hardware Store, Walkerton, or at office of George Gray, Architect, Harriston.

The lowest or any tender not necessarily accepted.
JOHN ROLAND,
Walkerton, Ont.

TENDERS WANTED

Tenders will be received by the undersigned up to noon of MONDAY, MAY 13TH, for the brick work, cut stone, carpenter work, plastering and painting required in making alterations and additions to residence on St. George Street for Mr. George H. Hees. Plans may be seen at the office of the architect.

The lowest or any tender not necessarily accepted.
A. R. DENISON, Architect,
18 King St. West, Toronto.

TENDERS

FOR WATERWORKS SUPPLIES

Sealed tenders, addressed to the Chairman of the Fire, Water and Light Committee, will be received at the office of the undersigned up to 8 30 p. m. on

Monday, May 27, 1901,

for the supply of the following materials:

- 300 one-half inch water meters.
- 100 three-quarter inch water meters.
- Brass Goods as per list.
- Lead Pipe.
- Stim-cock Boxes.

Specifications and forms of tender may be obtained at the office of James Stuart, Water and Light Commissioner, Winnipeg.

Each tender must be accompanied by an accepted cheque or cash deposit for the sum called for in the form of tender submitted, which will be subject to forfeiture in case of failure on the part of the contractor to enter into a written contract if called upon to do so. If an accepted cheque is submitted it must be payable at par in Winnipeg, or be for an amount sufficient to cover exchange over the sum called for in the form of tender submitted.

The City reserves the right to reject any or all tenders or to accept any bid which appears advantageous to the City of Winnipeg.

C. J. BROWN,
City Clerk.

City Clerk's Office,
Winnipeg, May 7, 1901.

DEBENTURES FOR SALE

The Village of Iroquois offers \$20,000.00 in Waterworks Debentures in equal annual payments for thirty years at four per cent. per ann. m.
Tenders will be received until noon, 15TH MAY next.

The lowest or any tender not necessarily accepted.
A. HARNNESS,
Reeve.

Iroquois, April 24, 1901.

Tenders Wanted

Tenders will be received by the undersigned, for the Municipality Council of the County of Waterloo, up to 10 o'clock a. m., on TUESDAY, MAY 21st, 1901, for

136 ft. Steel Bridge

over River Nith at New Hamburg, also separate tenders for stone or concrete abutments.
For plans and specifications apply to

HERBERT J. BOWMAN,
M. Can. Soc. C. E.

Berlin, Ont.,
May 1st, 1901.

TENDERS FOR CEMENT SIDEWALKS

Tenders will be received at the Town Clerk's office, Whitchy, until noon on FRIDAY, MAY 17TH, 1901, for furnishing material and labor in the construction and completion of about 6500 feet of cement sidewalk on Brock street, east and west sides, between Dundas and Colborne streets, 10 feet in width. Specifications can be seen in Town Clerk's office, Whitchy. Work to be completed not later than 1st August, 1901. Marked cheque for 5 per cent. of contract price to accompany the tender.

THOS. DEVERELL,
Chairman Streets Committee, Whitchy.



Tenders for Office and Vault Fittings and Furniture

Separate tenders addressed to the undersigned will be received through registered post only up to noon on

Wednesday, May 15th, 1901,

for furniture and fittings required for the following rooms in the new City Hall, viz.: County Judges Chambers, Admiralty Court, Registrar's Office, County Crown Attorney's Office, City Sheriff's Office, County Sheriff's Office, Office of the Clerk of Assize, Barristers Room, and Court Reporters' Room.

Separate tenders will also be received for metallic fittings required for the vault in the County Court Clerk's Office.

Specifications may be seen and all information obtained upon application at the office of the architect, Mr. E. J. Lennox, corner of King and Yonge Sts., Toronto.

Envelopes containing tenders must be marked on the outside so as to show the class of work tendered for. Tenders must also bear the bona fide signatures of the party tendering and his sureties, and must be accompanied by a marked cheque equal to 2 1/2 per cent. thereof if over \$1,000, and 5 per cent. if under that sum.

Should any person or firm whose tender is accepted fail to execute the necessary contract and give satisfactory security for the due fulfilment thereof, the deposit accompanying such tender will be forfeited to the City. The deposit of unsuccessful tenderers will be returned.

The lowest or any tender not necessarily accepted.

O. A. HOWLAND (Mayor),
Chairman Board of Control,
City Hall, Toronto, May 4th, 1901.

TENDERS WANTED

Tenders will be received by the Council of the Township of Stanley, up to MONDAY, THE 10TH DAY OF JUNE, 1901, for the construction of the following drainage work:

- Main Drain, 33,400 cubic yards.
- Tap Drain No. 1, 2,750 cubic yards.
- Tap Drain No. 2, 9,100 cubic yards.
- Tap Drain No. 3, 1,750 cubic yards.

Two hundred dollars of a deposit to be made with each tender.

Plans and profiles may be seen at the office of the undersigned.

Satisfactory bonds are required to be furnished by the contractors.

JOHN E. HARNWELL,
Township Clerk

Yarna, May 2nd, 1901.

OSHAWA

ONTARIO.

The town of Oshawa, Ontario, requests Sealed Tenders, which will be received up to 12 o'clock at noon on

Thursday, the 23rd day of May
Instant,

by the undersigned, for the various works hereunder recited.

The lowest or any Tender not necessarily accepted.

C. FRENCH,
Chairman Fire and Water Committee.

SEWERAGE SYSTEM

TENDER NO. 1.

For all mains, sub-mains and lateral sewers, including manholes, flush tanks, catch basins, outfalls, etc., as referred to in plans and specifications.

WATERWORKS SYSTEM

TENDER NO. 1.

Pumping from Lake Ontario, including intake, pumping station, engines, swimming, intake well, pumps, boilers, mechanical filter, storage tank, mains, sub-mains, hydrants, valves, etc., etc.

TENDER NO. 2.

Gravitation from Raglan Springs. Collection of water at springs, wells, intake chamber, 5" and 12" mains, etc., 1 million imperial gallon reservoir, distribution system in town, including hydrants, valves, etc., etc., in accordance with plans and specifications.

N. B. Special designs and tenders will be permitted if accompanied by full detail specifications, plans, photographs, etc., for elevated storage tank, water tube or other special type of steam boilers, high duty pumping machinery, mechanical filter.

Plans and specifications can be seen and forms of tender obtained at the Town Hall, Oshawa, or from R. E. Speckmann, Consulting Engineer, 62 and 100 Canada Life Building, Toronto, on and after Monday the 13th day of May instant.

An accepted bank cheque equal in value to 5 per cent. of amount of tender must accompany each tender, or it will not be entertained.

C. FRENCH,
Chairman Fire and Water Committee.
Oshawa, May 3, 1901.

Messrs. Bond & Smith, architects, Toronto, have removed from the Temple Building to larger offices at 160 Bay street.

STEEL HIGHWAY BRIDGE AND STONE MASONRY

Sealed Tenders will be received by me up to, MONDAY NOON, JUNE 3rd, 1901, for erection of a bridge over the Moira river at Cannifton, three miles north of Belleville, Ontario.

Tender to be for steel bridge in two spans of 91½ feet each, with roadway 16 feet wide in clear, and to carry a moving load of 100 pounds to square foot of floor area.

Tenders for this part must furnish complete plans, strain sheets, specifications, etc., for the superstructure ready for travel; and

The tender for one stone pier and two abutments to be separate and for work and material according to specifications to be seen at my office.

The pier and abutments to be finished ready for superstructure not later than the first day of August next and the superstructure complete ready for travel two weeks thereafter.

The lowest or any tender not necessarily accepted.

WM. R. AYLSWORTH,
County Clerk,
Box 7, Belleville, Ont.

Shire Hall, Belleville,
May 6th, 1901.

PROVINCIAL DEBENTURES

Sealed Tenders, marked "Tender for Debentures," and addressed to the Receiver General of New Brunswick, at Fredericton, will be received at this office until TUESDAY THE FOURTEENTH DAY OF MAY next, at 5 o'clock p. m., for the purchase of the whole or part of the following Provincial Debentures:

\$200,000.00 in four per cent Debentures, five years to run, in denominations of \$500.00 each, or in such other amount as the purchaser may request, dated 1st January, 1901, with half-yearly coupons attached issued under authority of Act of Assembly 59 Vic., Cap. 3, "An Act further to provide for the erection of permanent bridges," and amending Acts 63 Vic., Cap. 15, and 1 Edward VII, Cap. 19.

The above Debentures will be delivered and the funds therefor payable at the Receiver General's office at Fredericton, within three weeks after acceptance of tender.

The highest or any tender not necessarily accepted. The sum of ½ per cent, on the amount of the accepted tender must be deposited with the Receiver General within three days after receipt of acceptance. All Tenders and Communications to be strictly confidential.

Further information relating to these debentures, if required, will be furnished on application to the Receiver General.

L. J. TWEEDIE.

Provincial Secretary and Receiver General's Office,
Fredericton, 16th April, 1901.

ARNPRIOR SEWERAGE

Sealed Tenders, marked "Tender for Sewers," addressed to the undersigned, will be received by registered letter only up to 8 p. m. on TUESDAY, MAY 14th, 1901, for each or the whole of the several works required for the proposed main sewers in the Town of Arnprior.

Contract No. 9.—For the earth and rock excavation, refilling, bricks, cement and pipe laying, etc., required for 500 lineal feet of brick sewer, and 4,355 lineal feet of 30, 24 and 18 inch pipe sewers, and 3,000 lineal feet of 6 inch service sewers.

Contract No. 10.—For the earth and rock excavation, refilling and pipe laying, etc., required for 5,485 lineal feet of 24, 18 and 12 inch pipe sewers, and 3,000 lineal feet of 6 inch service sewers.

Contract No. 11.—A bulk sum for all the excavation, etc., required under contracts Nos. 9 and 10.

Contract No. 12.—For supplying 6,000 lineal feet of 24 inch 883 lineal feet of 18 inch, and 450 lineal feet of 12 inch, and 6,000 lineal feet of 6-inch approved vitrified clay pipes, including the required junctions.

Plans and specifications can be seen and forms of tenders procured at the Town Hall, Arnprior, or from Robt. Surtees, C.E., Ottawa. A marked cheque or cash for the amount stated in forms of tender must accompany each tender, or they will not be considered. The corporation do not bind themselves to accept the lowest or any tender.

CLAUDE M. LACHLIN,
Mayor of the Town of Arnprior.

Arnprior, May 1st, 1901.

CONTRACTS OPEN.

ALBERT, N.B.—It is proposed to build a new Methodist parsonage here.

PHOENIX, B.C.—A company is being formed to construct a waterworks system.

SEELEY'S BAY, ONT.—Stacey Bros. intend building a brick store this summer.

ROSTHERN, N. W. T.—W. Gugisberg wants tenders by May 14th for erection of four roomed school.

BELLEVILLE, ONT.—It is said that the Matthews Pork Packing Co., of Peterborough, have decided to build a large factory here.

ST. HELEN'S, ONT.—Christ church congregation will build a \$2,000 edifice.

RED DEER, N.W.T.—It is probable that a \$25,000 court house will be built here.

CALGARY, N.W.T.—It is reported that a large hotel will be built on the Seabury property.

GALLINGERTOWN, ONT.—It has been decided to build a new rectory for St. George's church.

AULTSVILLE, ONT.—The question of building a rectory for St. Paul's church is under consideration.

AMHERSTBURG, ONT.—The council are considering the purchase of an incandescent electric light plant.

LAKE MEGANTIC, QUE.—Talbot & Churchill have decided to build a furniture factory at this place.

BROCKVILLE, ONT.—Plans have been prepared for the proposed bridge over the C.P.R. tracks at Lewis street.

WESTMOUNT, QUE.—The council are looking into the advisability of installing a municipal electric light plant.

KLOCK'S MILLS, ONT.—It is said that J.B. Klock is talking of erecting large pulp and saw mills near Mattawa.

FORT WILLIAM, ONT.—G. W. Brown has taken tenders for erection of building, including plumbing and steam fitting.

COBDEN, ONT.—Bids are asked by J. A. Delahay, secretary trustee board, for erection of brick church, with basement.

CORNWALL, ONT.—It is the intention of the council to construct sewers on several streets, at an approximate cost of \$3,000.

LEVIS, QUE.—Tenders close May 15th for construction of aqueduct and sewer. Particulars from F. E. Roy, secretary-treasurer.

CHICOUTIMI, QUE.—The dam and mill of the Chicoutimi-Pulp & Paper Co. damaged by a flood last week to the extent of \$20,000.

BRANTFORD, ONT.—A. G. Olive invites tenders up to 17th inst for erection of pair of brick residences. Plans by G. W. Hall, architect.

ARNPRIOR, ONT.—Tenders close May 11th for brick addition to residence of Wm. Baker. Separate tender wanted for galvanized roofing.

PARRY SOUND, ONT.—The brick store to be built by Perks & Sons will be 110 x 24 ft., with plate glass front, upper flat to be used as a dwelling.

HAMILTON, ONT.—Fred Lyne has secured a building permit for two brick dwellings, corner Barton and Emerald streets, for Robert Whyte, cost \$2,200.

NEWCASTLE, N.B.—Bids for the purchase of \$8,000 school debentures will be received by Richard Nicholson, chairman Board of School Trustees, up to 13th inst.

TORONTO JUNCTION, ONT.—About \$2,000 will be required for waterworks extensions on account of new buildings now going up.—The Toronto Junction College of Music have asked the council for a free site on which to build a college suitable for their purposes.

HONEYWOOD, ONT.—Tenders have been taken for building Methodist church.

HINTONBURG, ONT.—James Collins has purchased a lot on Queen street on which to build a residence.

WALLACEBURG, ONT.—Tenders close 10th inst. for erection of brick fire hall. Plans at the office of H.E. Johnson, town clerk.

PINCHER, CREEK, N. W. T.—The plans of J. A. Ellis, architect, of Toronto, have been accepted for new school to be built here.

WOODVILLE, ONT.—Tenders are wanted by May 15th for alterations and improvements to Methodist church; W.G. Clarke, pastor.

LIVERPOOL, N.S.—The town clerk invites tenders up to May 22nd for erection of town hall. Plans by H. E. Gates, architect, 58 Bedford Road, Halifax.

STRATHCONA, N.W.T.—The by-law to raise \$12,000 for fire protection was carried by the ratepayers, but the \$8,000 for electric lighting was defeated by one vote.

PICTOU, N.S.—The town offers for sale \$80,000 thirty year 4 per cent. waterworks debentures. Tenders received by F. Mackaracher, town clerk, up to 17th inst.

LINDSAY, ONT.—It is proposed to build a sewer on William street, cost \$1,800.—The Y.M.C.A. directors have decided to construct a large plunge bath, cost \$1,000.

TRURO, N.S.—J. J. Taylor, C.E., will have charge of the engineering work in connection with the completion of the Midland railway bridge over the Shubenacadie river.

GLADSTONE, MAN.—Bids are asked by T.L. Morton, municipal treasurer, up to Saturday, 18th inst., for purchase of \$28,000 five per cent. debentures of the municipality of Westbourne.

NEW GLASGOW, N.S.—Bids for the purchase of \$3,000 town debentures, issued for the purpose of installing a fire alarm system, are invited by James Roy town clerk, up to May 17th.

NORTH TORONTO, ONT.—Tenders closed yesterday at the town clerk's office for construction of power house, overhauling steam pump, supply of 50 h. p. boiler, and other work in connection with the waterworks system.

GORE BAY, ONT.—A stone block will be built this season by McKessock, Fisher & McGregor, to contain two stores and a bank, with law offices above. Judge McCallum and W. Hurst, banker, also contemplate building this year.

VICTORIA, B.C.—The supplementary estimate contain the following appropriations for works and buildings. Repairs to government buildings, Victoria, \$1,000; furniture for government offices; \$4,000; court house, Victoria, \$10,600; government office, Ashcroft, \$1,200; government office, Similkameen, \$100; Columbia river. Revelstoke, bank protection maintenance, \$4,600; Quesnell river at Forks, bank protection, \$10,600; Glen Valley dyking district, \$6,000; government house furniture (additional to \$1,200 voted), \$500.

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Sanitary Building Papers and Patent Wire Edged Ready Roofing for Municipal and other Buildings.

ECONOMICAL DURABLE FIREPROOF

THE PATERSON MANF'G CO., LIMITED

TORONTO MONTREAL ST. JOHN HALIFAX

a loan of \$10,000 to establish a factory to manufacture felt and shoes was recently carried by the ratepayers.

DRESDEN, ONT.—Arthur Smith, town clerk, invites tenders up to 21st inst. for purchase of \$10,000 electric light debentures, bearing 4 per cent. interest.

HAWKESBURY, N. S. — Mackenzie & McLean have commenced work on the section of the Inverness and Richmond railway between Port Hastings and this place.

NAPANEE, ONT.—Geo. Bingham will build a residence on Bridge street. Work will shortly be commenced on the new building for the public library, to be brick, two storeys.

STRATFORD, ONT.—J. S. Russell, architect, has prepared plans for a two storey residence for James McEwen, of St. Paul's, to be of red brick with brown stone trimmings, and heated by furnace.

ST. MARY'S, ONT.—M. J. Dewey is having plans prepared for a modern two storey residence.—The authorities of St. Mary's Baptist church have purchased a lot on which to build a new church.—The by law to raise \$10,000 for extension and improvement of the waterworks and electric light plants will be submitted to the ratepayers on July 2nd.

MONCTON, N.B.—The P. McSweeney Co. have had plans prepared for a brick block.—The Bank of Nova Scotia has purchased a lot on which to build a residence for the manager.—L. Higgins & Co. and Sumner & Co. purpose building brick stores.—The erection of a hospital building is likely to be undertaken.

MONTREAL, QUE.—J. Venne, architect, will shortly call for tenders for altars, pulpit and general furniture for Ste. Anne des Plaines church. Same architect has prepared plans for a chapel for Bethlehem asylum, this city.—The city council have decided not to accept any of the offers submitted for the \$1,500,000 loan.—Joseph Venne, architect, is preparing plans for a presbytery to be built at Warran, Ont.—Building permits have recently been granted as follows:—F. A. Benoit, two 3 storey houses, 64 St. Hubert st., cost \$4,000 each; J. G. Drapeau, three storey house, St. Elizabeth st., cost \$4,000; L. Lemaire, four 3 storey houses, Island st., cost \$1,200 each; Nap. Deslauriers, three 3 storey houses, Cadieux st., cost \$4,000 each; Nap. Deslauriers, three 3 storey houses, Hotel de Ville, cost \$2,000 each; Mrs. Jas. Wright three storey house, 643 Sherbrooke St., cost \$3,500; Mr. Girard, Sr., two 3 storey houses Aylmer and St. Catharine sts., cost \$3,000.00, (C. A. Reeves, architect); L. Propel & Co., flats, Laval ave., cost \$7,500, (J. E. Huot, architect); T. Frontaine, two storey house, St. Joique st., cost 1,500.

OWEN SOUND, ONT. — J. C. Forster, architect, has prepared plans and is about to take tenders for a stone church for the Baptist congregation. He has also prepared plans for the summer hotel at Balmy Beach, to contain 100 bedrooms, and for two detached residences for Keenan Bros., to be built on Frost street.

have plans prepared at once for a city hall, 90x60 ft., of stone, cost \$20,000.—Work will be commenced immediately on the

power has been sold to W. C. Edwards, H. K. Egan and others, who will build a large pulp mill.—J. Lafleur, of Montreal,

Good Roads Machinery Co. (Registered)

JOHN CHALLEN, Manager, HAMILTON, ONT.

"CHAMPION" Rock Crushers, Road Rollers, Road Graders, Road Plows, Macadam Spreading Wagons, Street Mud Cleaners, Wheel & Drag Scrapers.

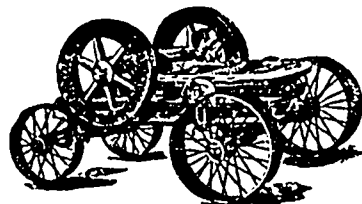
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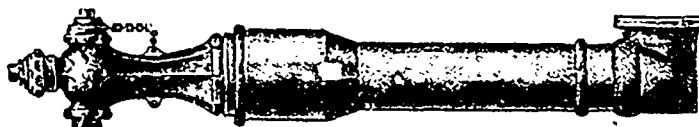
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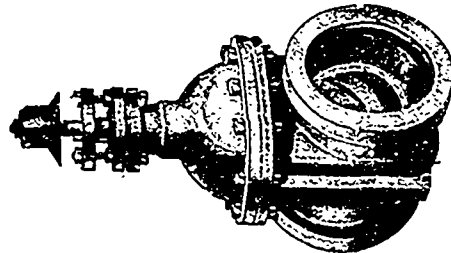
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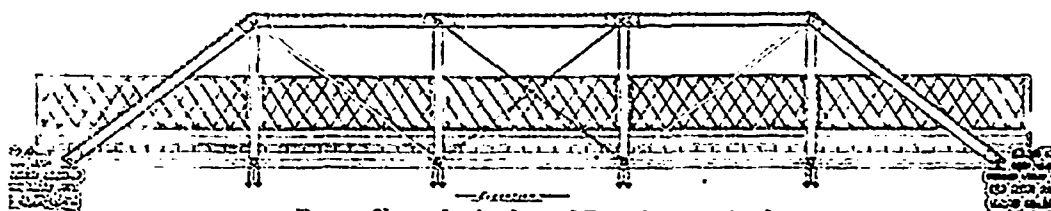
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Steel Lattice
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Estimates Furnished
on application.

build a boot and shoe factory here.—Archbishop Duhamel has decided upon the erection of a new R. C. church here, stone, cost \$30,000.

HALIFAX, N.S.—The Imperial authorities are taking tenders for the erection of six buildings here for military purposes, to cost about \$200,000.—Plans for the new customs house to be built in this city will be ready by June 1st, when tenders will be taken.

CHARLOTTETOWN, P. E. I.—Richard Smith, secretary public works, invites propositions up to May 29th for placing heating apparatus in the asylum annex, Falconwood.—J. W. Gardiner invites tenders up to May 25th for building Baptist church at Kingsboro, Kings county.

OSHAWA, ONT.—Tenders are invited in this issue for the construction of sewerage and waterworks systems for this town. Alternative tenders for a water supply are asked, one being for pumping from Lake Ontario, the other for gravitation from Raglan Springs. Plans by R. E. Speakman, C.E., Toronto.

KINGSTON, ONT.—A new convocation hall for Queen's University is required, and it has been suggested to appeal to the county for a grant for the purpose.—The proposed opera house scheme is meeting with success, and it has been decided to engage an architect immediately to prepare the plans. E. G. B. Pense is president, and W. F. Nickle secretary of the building committee.

FREDRICKTON, N. B.—The Department of Public Works of the province are asking for tenders up to June 17th for building approaches and masonry substructure of proposed highway bridge across the St. John river between Andover and Perth, Victoria county. The bridge will be 1,044 feet, and will have two masonry abutments and four masonry piers. Plans at Public Works Department, this city, and the office of Thomas Lawson, M.P.P., Andover.—Tenders are asked by the Provincial Government up to May 13th for rebuilding Savoy bridge over Eel river, in Northumberland county, the Floating Canal bridge in Westmoreland county, and the Salmon river bridge at the mouth of the river, in Victoria county.

Thompson, architect, has prepared plans for a new building to be built by P. McDougall.—The superintendent of the Manitoulin & North Shore Railway wants bids by 11th inst. for construction of a section of the road from a point on the north channel of the the Georgian Bay to the falls of Spanish river, at the site of the Spanish River Pulp & Paper Co., a distance of 16 1/4 miles. Plans at the office of chief engineer, this place.

VANCOUVER, B. C.—The Granby Smelter Co. may establish a branch in this city.—Negotiations are now under way looking to the building of a railway between Boundary and Republic. The Great North Railway Co. and some Toronto parties are behind the scheme.—It is said that the Minister of Education is in favor of the erection of a stone building in this city to be used as a normal school.—It is reported that R. P. Rithet & Co. purpose building a sugar refinery in this city.

CHATHAM, ONT.—T. C. Smith invites tenders up to 9th inst. for erection of brick building for the Chatham Binder Twine Co. Plans by T. J. Rutley.—Tenders are asked by R. A. Tompkins up to May 11th for construction of brick arch culvert, 40 feet long and 2 feet inside diameter, across the River road in the township of Chatham.—Plans are being prepared for buildings and plant for the Western Peat Fuel Co. H. Sutherland, manager of the Temperance and General Insurance Co., is interested.

LONDON, ONT.—Moore & Henry, architects, are preparing plans for a residence for Father Brady, of the Palace.—Herbert Matthews, architect, is calling for tenders for a parsonage for the Colborne street Methodist church, also for brick residence on Queen's Avenue. Tenders close 9th inst. M. Douglas is building two houses on Richmond street north.—John G. Richter is building two brick residences on Colborne and Piccadilly streets, and a brick veneer residence on Colborne street, from plans by Herbert Matthews.

WINNIPEG, MAN.—Since the beginning of the year the building inspector has issued 40 permits, of an aggregate value of \$580,000.—The fire and light

dynamo.—(On Thursday next the ratepayers will vote on by-laws to provide \$100,000 for purchase of site and erection of school building, and \$9,000 for improvements to fire halls.—H. S. Griffith, architect, is taking tenders this week for a summer hotel to be built opposite Elm park.—It is proposed to enlarge the electric light power house.—The construction of a cedar block pavement on Notre Dame avenue, at cost of \$1,500, and an asphalt pavement on Kennedy street, cost \$18,100, has been recommended.—Harry McKittrick, of the National hotel, has purchased the Young block, corner King and Logan streets, and will remodel it for hotel purposes.—J. G. Russell, architect, has taken tenders for a brick residence on Ellen avenue for H. L. Landerkin. He is also preparing plans for a residence on Roslyn road for Mr. Lving, and a brick residence on Colony street for James McKay.—The city engineer has been asked to report on the proposition to place an illuminated striking clock in the city hall tower, at a cost not to exceed \$1,500.

OTTAWA, ONT.—Tenders closed yesterday at the Department of Railway and Canals for the supply of 23,000 barrels of portland cement for the Trent canal.—The Property Committee has reported that new heating apparatus is required for the police station.—J. P. McLaren, 204 Spark street, invites tenders up to 6 p.m. of 9th inst., for erection of stone Sunday school building for Erskine Presbyterian church.—A. Paquette has purchased a lot on Queen street on which he will build a boot and shoe factory.—Edward Desroches, of Sussex street, has prepared plans for a new convent to be built at Ste. Cesaire, Que., and is working on plans for the church of Ste. Bruna, Que.—The new hall to be built in connection with St. Patrick's church will cost about \$9,000.—It is said that J. R. Booth has announced his intention of moving his saw mill to another site down the river.—Building permits have been granted as follows: C. Bouvèrette, 29 Friel st., four frame dwellings, cost \$2,200; J. J. Neville, Cartier st., 8 houses in terrace, cost \$6,000; Thos. Mitchell, 1 and 9 Cambridge st., frame dwelling, cost \$1,100; J. Anderson, 23 McLeod st., frame

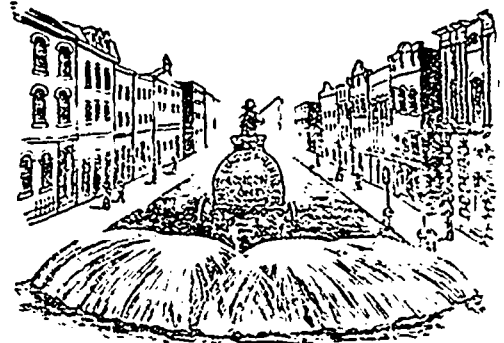
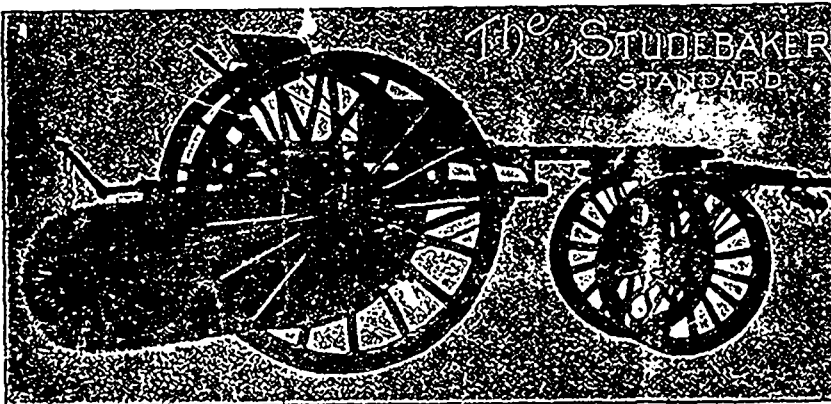
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O. Ivy, brick house, 61 Somerset st., cost \$8,000; Wm. Farmer, 24 Wellington st., brick veneered dwelling, cost \$1,600; Mrs. E. Joantice, 16 Bro. st., brick veneered dwelling, cost \$1,100.

TORONTO, ONT.—Plans of waterworks and sewerage systems to be built in the town of Oshawa are on view at the office of R. E. Speakman, C.E., Canada Life Building, this city.—Tenders are asked up to noon of the 9th inst. for erection of residence in Queen's Park for J. W. Flavell. Darling & Pearson are architects.—Work will shortly be commenced on the new buildings for the Canada Foundry Co., to be built on Royce avenue. The works will cost about half a million dollars. The plans are being prepared by G. M. Miller & Co.—The authorities of Victoria University will shortly select a site for a women's residence, for building which the late Mr. Massey gave \$50,000.—A. R. Denison, architect, has reported that it will cost \$15,000 to repair the old police court building on Court street. The outside walls are in good condition, but the interior will have to be entirely remodelled, probably in iron and concrete.—The Grand Trunk Railway Co. have decided to postpone until the fall the proposed remodelling of their yards in this city.—It is understood that new tenders will be asked by Burke & Horwood, architects, for erection of a new residence in Rosedale for A. E. Kemp, M. P., from revised plans now being prepared.—Henry Simpson, architect, is preparing plans for a residence on Tyn-dall avenue for Robert McGill and a residence on Wheelbarrow avenue for Mr. Lowden.—Tenders close on 9th inst., at office of J. A. Ellis, architect, for school at Toronto Junction.—A. R. Denison, architect, invites tenders in this issue for remodelling the residence of George H. Hees on St. George street, at an approximate cost of \$5,000. He is also taking tenders for remodelling three stores, 342 to 346 Yonge street, for the John Cawthra Estate.—It is understood that J. Wilson Gray, architect, has prepared plans for alterations to the Tremont House, owned by the Confederation Life Association. The interior will be remodelled and a new front put in.—W. J. Webb, 92 Adelaide street east, invites tenders up to noon of Saturday next for all trades for erection of house on Waverley road.—Tenders will shortly be invited for the usual mid-summer repairs for public schools, which will cost about \$17,000.—Plans are being prepared for alterations to the Crawford street Methodist church.—Building permits have been granted as follows: Dale & Harke, bakery and dwelling, corner Wolseley and Hackney streets, cost \$10,000; Mrs. Teeter, pair two storey detached dwell-

ings, Dovercourt road, near College street, cost \$3,500; Dr. Davidson, addition to residence, corner Beverley and College streets, cost \$1,800; Toronto Railway Co., motor and blacksmith shop, corner Sherbourne street and Esplanade, cost \$22,000; T. Eton Co., alterations in rear of 19 and 21 Albert street, cost \$4,000; H. J. Finch, dwelling, 479 Dovercourt road, cost \$2,500; J. M. Bond, dwelling, Glen road, cost \$5,000; George Roche, dwelling 167 John street, cost \$3,000; Dr. I. H. Ritchie, addition to factory, Temperance street, cost \$2,300.

FIRES.

Residence of A. N. Criger at Waterford, Ont.—Foundry of Shantz & Son at Berlin, Ont., damaged to extent of \$4,000.—Factory of the Alaska Feather & Down Co. at Ste. Henri, Que., completely destroyed; loss \$65,000.—Warehouse at Rat Portage, Ont., owned by F. W. Colclough, of Selkirk; loss \$15,000.—Dry kiln of the William Cane & Son's Co. at Newmarket, Ont.—The county jail at Woodstock, N.B.—Trout Creek Lumber Co.'s saw mills at Nipissing, Ont.; loss \$7,000, no insurance.

CONTRACTS AWARDED.

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PICTON, ONT.—John Robinson, representing the Good Roads Machinery Co., Hamilton, has just closed a contract with the council for a complete set of road-making machinery, including steam roller grader and plough.

OWEN SOUND, ONT. J. C. Forster, architect, has let the following contracts: Residence for J. P. Lepan to A. Green; terrace of five houses for C.A. Fleming, and residences at Warton for J. Cameron, William Greenless and George Atkey.

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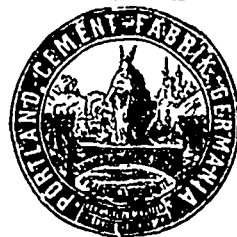
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Green: The Tison Co., contractors.

BANFF, N. W. T.—Addition to English church: T. Underwood, contractor.

BURK'S FALLS, ONT.—Building for Mr. Pym: Stone and brick work, Alex. Corbett.

SMITH'S FALLS, ONT.—Addition to public school: J. A. Ellis, Toronto, architect; M. Ryan, contractor.

LUCAN, ONT.—Granolithic sidewalks: Royal Artificial Stone Paving Co., of Guelph, successful tenderers.

ROSSLAND, B. C.—Contract for granite and stone masonry work of C. P. R. bridge across False creek has been let to McClay & Watson.

AURORA, ONT.—Factory for Underman & Sisman: G. T. Browning, contractor. Plans call for a two storey building, 50x100 ft., with boiler house 30x40 ft.

LINDSAY, ONT.—For sewer on William street the tenders received were: J. E. Hayes, Peterboro, \$3,350; J. McKnight, Toronto, \$3,040; James Bogus, Peterboro, \$2,735.70 (accepted); P. G. Filkie, Lindsay, \$3,370.

WINNIPEG, MAN.—Iron work of C. P. R. bridge across Red river: Dominion Bridge Co., of Montreal, contractors.—Machine shop and power house for Vulcan Iron Co.: McDiarmid & Burnett, contractors; cost about \$15,000.—Building for Lake of the Woods Milling Company: Masonry, E. Cass; carpentry, D. Bruce; cost \$20,000.—J. A. Girvin has secured contract for new Bank of Hamilton building. Philip Burnett has the sub-contract for carpentry, and the Vulcan Iron Works that for iron work. The additional contracts for fixtures, heating and painting have not yet been let. The work will start about June 1st and will cost \$40,000.

SMITH'S FALLS, ONT.—F. Hart has secured the contract for erection of two storey brick house for John Moore, cost \$2,000. J. Carr is doing the carpenter work of three brick houses for H. H. Crate.—L. M. Allyn has secured the contract for three double brick houses for T. Amrod.

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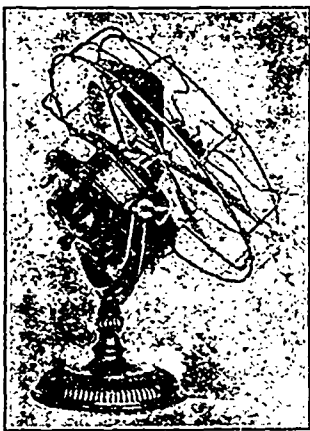
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MONTREAL, QUE.—The directors of the Bank of Montreal have awarded the contract for erection of new bank building to Norcross Bros., of Worcester, Mass., and New York. The contract includes stone, brick, marble, foundation, roofing, painting, glazing, plastering, and elevators, while the contracts for plumbing, heating and electric and gas fixtures have not yet been awarded. The building will cost in the neighborhood of one million dollars, and will be built of Stanstead granite, with marble floors, Tennessee marble for lining of the walls and piers, marble counters and desks, and woodwork of English oak. In addition to the banking room, accommodation will be provided for the Royal Trust Co. There will be about thirty large plate glass windows. McKim, Mead & White, of New York, and Taylor & Gordon, this city, are joint architects.

TORONTO, ONT.—Henry Simpson, architect, has let contracts as follows for warehouse on Queen street for J. M. Brown & Co.: Brickwork, R. Chalkley & Sons; carpentry, Young & Co.; plumbing and heating, Toronto Furnace Co.; steel beams, Canada Foundry Co. For Mrs. Teeter's residence on Dovercourt road the brick work has been let to Davidge & Lunn and the carpentry to Mr. Alexander. Same architect has let the brickwork of pair of houses on Gerrard street east to Davidge & Lunn and the carpentry to T. B. Liddell.—F. H. Herbert, architect, has let the following contracts: Residence on John street—Brick work, R. Chalkley & Son; carpentry, Gearing & Co.; plastering, C. B. Simpson; painting, H. W. Johnston; galvanized iron, A. B. Ormsby & Co.; roofing, Duthie & Sons; plumbing, Bennett & Wright. Addition to factory,

20 Temperance street—masonry, Davidge & Lunn, \$1,095; carpentry, A. Clark & Son, \$650; plastering, Dancy Bros., \$96; painting, C. Davis & Co., \$59; galvanized iron, roof, A. B. Ormsby & Co., \$150; plumbing, Bennett & Wright, \$179. Residence in Rosedale for J. M. Bond—Masonry, R. Hewitt & Sons; carpentry, Bishop & Co.; painting, Faircloth Co.; plastering, C. B. Simpson; galvanized iron, A. B. Ormsby & Co.; roofing, R. Rennie; plumbing and heating, Bennett & Wright. —The Board of Control have accepted the following tenders: Concrete sidewalks—Glen road, Elm avenue to South drive, \$1.05 per linear foot; Gould street, Church to Victoria, \$1.08; Rose avenue, 53 cents; Tranby avenue, 43 cents; Queen street, Grant to Bolton, \$2.40, all to the Constructing and Paving Co.; Dundas street, Halton to Arthur, 68 cents, W. R. Payne; Queen street, Parliament to Trefann, \$1.80, Grant & Co.; Grosvenor street, 68½ cents, A. Chamberlain; Prospect street, 55 cents, John McGuire. Asphalt pavements—Broadview avenue, \$7.873, Grant & Co.; Tranby avenue, Constructing and Paving Co., \$4,200 for Pitch Lake asphalt and \$3,800 for land asphalt; Gerrard street, \$6,444, John McBean.

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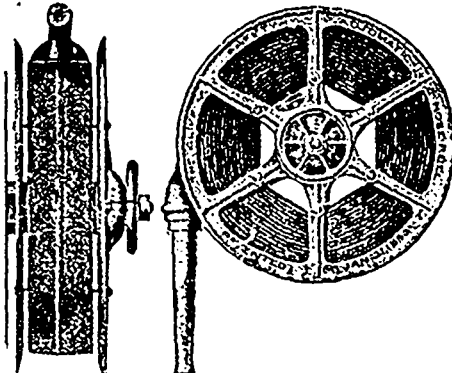
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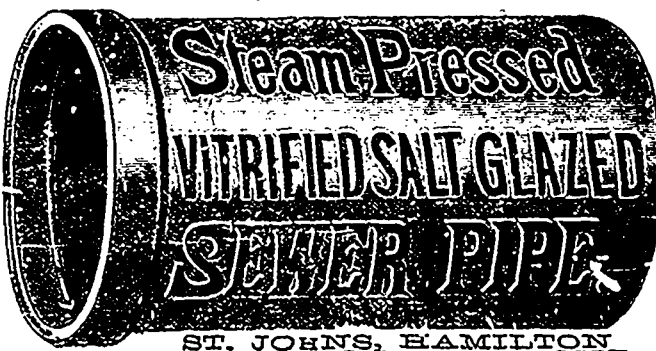
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MUNICIPAL DEPARTMENT

FINANCIAL AID FOR GOOD ROADS.

Hon. Mr. Latchford, Ontario Commissioner of Public Works, who has the administration of provincial highways under his control, made an interesting announcement at the recent good roads convention at Ottawa called by the County Council of Carleton. He said the Ontario Government proposed to grant one million dollars towards the construction of good roads as soon as the municipalities had decided whether the County Councils or Township Councils should expend the money. The assistance to be granted by the Government would be of no practical good until this point had been settled, and the municipalities had settled upon a policy as to how the money could be best expended. Whether the municipalities should contribute a considerable sum themselves, in addition to the amount to be granted by the Government, was a question for them to consider. Mr. Latchford concluded by saying: "I am in entire sympathy with the movement in favor of good roads, and as long as I am connected with the Public Works Department of the province every legitimate plan for the improvement of our roads will have my warm sympathy and every encouragement I can possibly give it."

THE DISPOSAL OF GARBAGE.

As considerable interest is at present manifest by municipalities requiring garbage consuming apparatus in the new system known as the "Decarie" incinerator, we publish a short description of the apparatus and the principle embodied in it, which appears to be an entirely new one and different from former methods for the disposal of refuse. The patentee believes that the only practical and surely sanitary method of disposing of dangerous vegetable and animal matter is to burn it, and his aim has been to construct a plant that will do this with greater economy both in labor and fuel than former methods have succeeded in doing.

The novel feature of the "Decarie" plant is the construction of V-shaped water grates above the fire grates into which the garbage is thrown. The fire below converts the water contained in these grates into steam, causing them to act as a drying rack upon the garbage above, and, as the garbage becomes dried by the contact with the pipes, it is attacked by the

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fire below and destroyed. The spaces between the vertical sections of the rack are wide enough to allow the garbage to fall, when in a dry condition, on the fire grates, and this process is kept up as long as any garbage is to be destroyed, so that after the fires are established, in the beginning practically no fuel except the garbage itself is used, producing great economy over the old methods. The destroying capacity of the machine may be increased by the use of a forced draft, and the power to supply this secured from the steam produced by the water grates. Considerable steam power is developed according to the size of the machine, and this power can be applied to any economic purpose.

The saving in fuel is said to be 75 per cent. and in labor 50 per cent. over any other cremating apparatus in use. After visiting Montreal, where they inspected the model plant in operation, City Commissioner Coatsworth and Street Commissioner Jones have recommended its adoption in Toronto. We learn from the Toronto Furnace and Crematory Company, who are the agents in Canada for the "Decarie" incinerator, that they may be constructed in portable form with a steam jacket entirely surrounding the cremating chamber, where a large amount of power is desired, or with a steel frame, fire-brick lined, where it is not especially desired to develop power; the steel frame being the cheaper style of the apparatus. Large plants are built in brick and the water grates inserted during construction.

The results from the incinerator plant just completed at Minneapolis, Wisconsin, which is a steam jacket plant erected upon this principle, from the plans of Mr. F. L. Decarie, will be watched with interest.

The disposal of slag is a problem which in countries besides England find difficult to solve. Many efforts are made from time to time, but they all seem to be unequal to the colossal task. An experiment is about to be tried in the United States, which is at least marked by novelty. The authorities of North Tonawanda, N.Y., have agreed to allow an iron and steel company to lay down rails along a road which is in a defective state, provided the whole surface, which is about 66 feet in width, receives a coating of slag. The material is to be conveyed in a molten state in iron waggons along the rails, and at fixed intervals is to be poured over the roadway. After a time it will become consolidated. Slag has been used in road making, but North Tonawanda will be the first town which can show a road that recalls the labor of the "spirits reprobate" when they "from the boiling cells, by strange conveyance, filled each hollow nook" in the Miltonic chaos.

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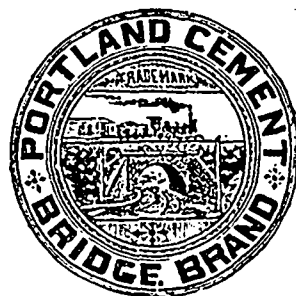
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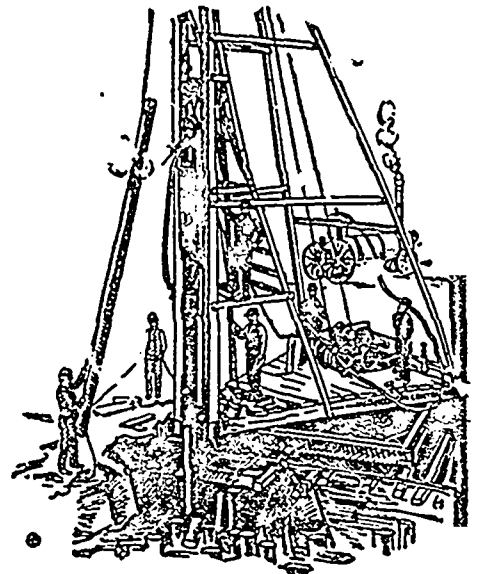
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