

TENDERS WANTED

For labour required to build stone and brick work of pair houses on Bathurst Street. Plans, etc., at

ROBERT OGILVIE'S,
93 Adelaide Street East.

TO BUILDERS AND OTHERS.

A good Counter, Partitions and Doors, suitable for shop fittings, to be sold cheap. Apply office of

R. W. GAMBIER-BOUSFIELD, A.R.I.B.A.,
Architect,
75 ADELAIDE STREET EAST.

TO BUILDERS.

Separate tenders will be received until November 29, for the erection of THREE BRICK DWELLINGS AND STABLES on Macpherson Avenue, west of Avenue Road.

The lowest or any tender not necessarily accepted.

GEO. R. HARPER, Architect,
54 Church Street, Toronto.

CONTRACTS OPEN.

OTTAWA, ONT.—It is proposed to erect a masonic temple.

VANLEEK HILL, ONT.—An electric light company has been incorporated.

CHATHAM, ONT.—The Street Railway Company propose to extend their lines.

LONDON, ONT.—The Council gives notice of its intention to construct a granolithic walk on the east side of Richmond street.

W. TORONTO JUNCTION.—It is believed the Government will order the G.T.R. authorities to construct a subway where to replace the present level crossings at Keele street north.

VICTORIA, B. C.—Tenders will be received by the city clerk until Dec. 17 for the construction of sewers estimated to cost \$300,000. Plans and all information obtainable at the city hall here.

PERTH, ONT.—This town and the adjoining municipalities have pledged themselves to grant bonuses to the amount of \$50,000 to aid the extension of the Brockville & Westport Railway.

VANCOUVER, B. C.—The mayor is urging a large expenditure of money for permanent pavements.—It is the intention of the Vancouver & New Westminster Tramway Co. to begin the construction of their line shortly.

INGERSOLL, ONT.—A deputation representing the citizens interviewed the Minister of Customs a few days ago, urging the importance of erecting a new public building here to accommodate the post-office, customs and inland revenue departments.

PORT HOPE, ONT.—A syndicate of Toronto, Rochester and New York capitalists have purchased Penrhyn Park, the intention being to make such improvements therein as will transform it into a modern summer resort. An iron pier will be built.

WINNIPEG, ONT.—The St. George's Snow-Shoe Club will erect a club house.—The council has accepted the proposition of Messrs. Mann, Holt, Ross & Mackenzie, for the construction of the Assiniboine water power works. Construction will begin next year.

CORNWALL, ONT.—Rev. Fr. Desauphac is only awaiting the authority of Bishop Macdonell to order the building material of a new church, the construction of which is to be commenced in April next. It is estimated that the church, including the site and surroundings, will cost \$22,000.

NEW WESTMINSTER, B. C.—Messrs. Grant & McClure have prepared plans for a large office building for Judge Bole and Mr. R. Douglas, the contracts for which are soon to be let. The dimensions are 82 x 66 feet, containing 32 office apartments of an average size of 16 x 18 feet. Hot air heating will be used.

HAMILTON, ONT.—At a meeting of the quarterly boards of all the Methodist churches of the city, held a few days ago, a resolution was passed asking the adherents of that body to unite in erecting on Emerald street a Wesley Memorial Church to cost about \$20,000.—George F. Webb has obtained a building permit for the erection of two brick houses on Catharine street, between Jackson and Hunter; cost \$2,200.

KINGSTON, ONT.—The Street Railway Company propose to adopt electricity as the motive power.—The Dominion and Provincial Governments will be petitioned to use their influence towards the erection of blast furnaces in this neighborhood.—The necessity of putting down permanent pavements on the principal business thoroughfares is being urged upon the Council.—By-laws will be submitted to the ratepayers authorizing the raising by loan of \$25,000 for water works improvements; and the expenditure of \$2,100 for increased school accommodation.—\$1,300 will be spent in improvements to the electric fire alarm system.—A company is to be formed which proposes to erect buildings and plant for the manufacture of spiral weld steel tubing.

MONTREAL, QUE.—The city will furnish land at a cost of \$14,000 on which the Harbor Commissioners will build a ramp.—The Corporation of Cote St. Paul have made arrangements with W. McLea Walbank, C.E., of this city, to prepare plans, specifications and estimates for a system of waterworks.—The Legislature has granted \$40,000 to McGill University for the erection of additions to the Normal School building.—The construction of an open subway from St. Francois street to near Champ de Mars street, is recommended, also the continuation of St. Lawrence street from St. James to Commissioners st.—Sir Henry Tyler, in his address to the shareholders at the annual meeting of the G.T.R., announced that a rolling mill at Point St. Charles would be erected at a cost of \$45,000.—It has been decided to widen Mountain and Peel streets next year.—The Montreal Park and Island Elevated Railway Co. have submitted to the Works Committee their plans for the work, and asked permission to begin construction in the spring from St. Henri to Maisonneuve, along Notre Dame and Craig streets, and on St. Lawrence st. from Craig to Mount Royal ave. The roads will be carried on a single line of posts running down the centre of the roadways. The motive power will probably be electricity.—The following building permits have been granted: I. H. Hodges, changing two houses into stores, at 2657 St. Catherine street, Fowler & Bowe, architects, T. Edwards, masonry, Lapham Bros., carpentry, cost \$6,000; J. S. Evans, building at 1884 Notre Dame street, to be converted into stores and offices, W. McLea Walbank, architect, M. Martineau, contractor, cost \$5,000.

TORONTO, ONT.—The plans for the proposed new high level bridge over the Don at Queen street will be so altered as to increase the width of roadway from 30 to 40 feet.—The following recommendations by the City Engineer have been approved by the Works Committee.—The construction of a 27 foot asphalt pavement with stone kerbs on Centre road, Crescent road and South drive, at an estimated cost of \$40,000; eight foot Eureka sidewalks with stone kerbing on both sides of Melinda street, from Bay to Yonge street, at a cost of \$4,462; a cedar block pavement on Booth avenue, between Queen street and Eastern avenue, at a cost of \$3,800; sewer on Yonge street, from Anne to St. Alban's, cost \$17,000; that permission be given to advertise for tenders for the supply of tile pipe, inverts, iron work, etc., required by the sewer branch of the department in connection with the construction of sewers for the year 1891, cedar block pavement on Broadview avenue, cost \$4,300; extension of Leslie street: from the north limit of the right of way of

the Grand Trunk northerly to Danforth avenue; sewers on Centre road, Pears avenue and Edward street. The Engineer also recommends that steps be taken to have a new pavement of a permanent character laid next year on King street, from Strachan avenue to River street, approximate cost \$322,000; Queen street, from Spadina avenue to Yonge street, laid with asphalt, scoria sets, 6-in. stone kerb laid in concrete, cost \$114,000.—The directors of the Athenaeum Club have decided that immediate steps shall be taken to erect a modern club building, with all the necessary equipment for such an institution. The plans will be prepared at as early a date as possible.—The Metropolitan Electric Street Railway have asked permission of the County Council of York to adopt a different style of rail; also to extend their system to Richmond Hill.—The Public School Board have decided to increase the accommodation at the Orphans Home.—A new watertight steel lining is to be put in the well at main pumping house.—The Council will seek to obtain power to pave the lanes throughout the city.—The Benchers of the Law Society have resolved to proceed with the erection of a new law school building.—Capt. Greville Harston has been appointed by the promoters of a new athletic club house to take subscriptions for stock; it being the intention to proceed as soon as possible with the erection of a building to cost about \$125,000, the plans for which, prepared by Mr. E. J. Lennox, architect, specify a five-storey structure at least 80 by 110 ft., the materials to be red pressed brick and rough brown stone dressing. The interior will contain fire-proof circular stairway and elevator.—Mr. D. B. Dick, architect, is preparing plans for the proprietors of the Monetary Times for additions and alterations to the building at present occupied by the Freehold Loan Co., corner of Church and Court streets.—The following building permits have been granted: Hughes & Son, pr. s. d. 2-storey and attic bk. dwellings, Arthur street, near the bridge, cost \$5,000; H. T. Thompson, pr. s. d. 2-storey and attic bk. dwellings, Tranby ave., cost \$6,500; two bk. additions Victoria street, cost \$1,500; H. Wickson, det. 2-storey and attic bk. dwelling, cor. Avenue road and Bernard ave., cost \$5,000; Mrs. Cameron, alterations to dwelling cor. Church and Carleton streets, cost \$9,000; Burke Estate, 4-storey bk. factory, Sheppard street, cost \$6,000; Messrs. Rushbrook, two 3-storey bk. stores, s. w. corner Dundas street and Sheridan avenue, cost \$8,000.—The Toronto Electric Light Company are considering the question of extending their docks out to the new windmill line, and erecting thereon additions to their present works.—The Public School Board has adopted the recommendation of a Committee that an industrial school be erected.

CONTRACTS AWARDED.

OTTAWA, ONT.—Mr. John Nicholson has received the contract for the erection of a new pier at Digby, N. S.

"When iron rust or scale, which is oxide of iron, is in contact with wood and excluded from air," says "The Master Steam Fitter," "when aided by a slightly increased temperature the oxide parts with oxygen, and is converted into very finely divided particles of metallic iron having such an affinity for oxygen when cooled that if it be afterward exposed to the action of the atmosphere oxygen is absorbed so rapidly that these particles become quite hot, and, if in sufficient quantity, will produce a temperature far beyond that required to ignite dry timber. When iron pipes are employed for the circulation of any heated medium, (whether hot water, hot air, or steam,) and wherever the pipes are allowed to become rusty, and are in close contact with the wood, it is only necessary under these circumstances that the finely divided particles of metallic iron become exposed to the action of the air, which can easily occur on account of the expansion or contraction of the pipes, to bring about conditions which are sufficient to account for many of the mysterious fires which periodically take place. Many people believe it impossible that wood can be ignited from the heat of steam pipes carrying steam at ordinary pressure, but the investigations by the fire departments in several cities prove that fires have originated from this cause, and conditions similar to those mentioned above are capable of producing them."