

the Gurney Foundry Company, Toronto, for \$9,520. Cable tenders have also been awarded: Siemens Bros.' Dynamo Works, of Great Britain, are to supply a 12,000-volt induction cable for \$21,149, also a submarine cable for \$1,943.12, and an underground cable for \$1,556.

**WOODSTOCK.**—The Woodstock Water and Light Commissioners have awarded the contract for the supply of the equipment for the Hydro-Electric power station here to the Canadian General Electric Company, of Toronto, for \$20,000.

**TORONTO.**—Tenders for the supply of 3,000 lineal feet of 60-inch rivetted steel pipe, and 500 lineal feet of special rivetted steel tapered pipe, also 1,782 lineal feet of 60-inch reinforced concrete pipe for the sewage disposal outfall were as follows:—

Tender No.	60-inch Reinforced Concrete Pipe.		60-inch Steel Pipe.	
	Bulk Sum.		Bulk Sum.	
1			\$41,000 00	
2			56,630 00	
3	\$21,562 00			
4	21,500 00			
5	18,855 00			
6			55,530 00	
7 (Informal)			57,600 00	
8			48,152 00	
9 (Informal)			74,000 00	

Tender No. 1, of the Canada Foundry Company, Toronto, for rivetted steel pipe, and tender No. 5, of Mr. E. W. Hyde, jr., for reinforced concrete pipe were accepted. The rivetted steel pipe is to be used out in the lake, and the reinforced concrete pipe across Ashbridge's Bay.

#### British Columbia

**VANCOUVER.**—Palmer Bros. & Henning, were awarded a contract for the substructure of the new Cambie steel bridge, at \$212,600, while the Canadian Bridge Company, Limited, of Walkerville, Ontario, received the contract for the superstructure at \$439,210. Full particulars of all tenders submitted and figures showing dimensions, etc., were printed on page 607 of our issue last week.

**VANCOUVER.**—The Western Engineering Company, Ltd., have been awarded a contract by the municipality of South Vancouver for an electric plunger pump at \$925. The pump will be made by Messrs. Hayward, Taylor & Company, of London, England, and will be driven by an A. C. motor. It will be designed to deliver 6,400 gallons of clear water per hour through 7,000 feet of six-inch pipe with a total head of 200 feet. The following firms were awarded contracts for water fixtures: Messrs. Crane & Company for galvanized fittings, amounting to \$147.13; the Terminal City Iron Works Company for cast iron specials, amounting to \$2,033.36; the Canadian Fairbanks Company for galvanized iron piping amounting to \$2,350.80, also for brass goods amounting to \$1,814.68; Messrs. Robertson, Godson & Company for hydrants at \$48 each. The British Columbia Electric Company was given an order for lighting, which will involve the installation of 150 arc lights.

**VICTORIA.**—At a recent meeting of the City Council tenders for twelve iron posts, to be erected on the Causeway for street lighting purposes, and to support the trolley wires, were received from Andrew Gray at \$1,300, and from Hutchinson Brothers at \$1,500. The tenders were referred to the electric lighting committee and the purchasing agent to award the contract. The tender of the Colbert Heating and Plumbing Company for twenty tons of pig lead at \$3.59 per 100 pounds was accepted.

A despatch from Ottawa says the Dominion Railway Commission on December 7 will consider the question of issuing a general order compelling all railways under its jurisdiction to equip cars with air brakes. The matter will come up in connection with an application recently made for an order of the board requiring air brakes equipment to be placed on the cars of the Hamilton & Buffalo and the Hamilton Radial Electric Railways, which are Federally incorporated. Should the board decide to issue a general order the other electric railways affected will be the Essex Terminal, the Oshawa Railway, the Ottawa Electric, the Hull Electric, the Montreal Park and Island, the Montreal Terminal Company, the Quebec Railway, the St. John, N.B., Railway Company.

## RAILWAYS—STEAM AND ELECTRIC.

### Quebec.

**MONTREAL.**—Three consulting engineers from New York city have been paying a quiet professional visit to Montreal during the past week and although no authoritative statement as to their business was given out, it is believed they are looking over the ground with a view to furnishing plans and estimates for either an elevated or an underground street railway system in the heart of the city.

### Ontario

**COBOURG.**—Every section of the C.N.R. in Northumberland and Durham Counties is the scene of much activity. Between Trenton and Brighton over four miles of track is already graded, while the right-of-way is nearly all fenced in. Mr. J. O. Giroux, contractor at Colborne, brought in a train load of horses recently and work is being pushed in that vicinity. The route is through a fine stretch of country, and it is said that the heaviest grade in the road and greatest curve will be but three degrees, and this where the C.N.R. joins the C.O.R. near Trenton.

**KINGSTON.**—An agreement has been reached between the City council and the Street Railway Company, who have accepted the terms offered a month ago by the Light, Heat and Power Committee. Mr. H. W. Richardson, president of the railway signed a contract for five years to take power at \$1.20 per kilowatt hour. The service has been discontinued for several days.

**NIAGARA FALLS.**—A newspaper report says the council of Stamford Township have ordered the Niagara and St. Catharines Street Railway Company to tear up their track or restore a twenty-minute service between Falls View and Montrose station.

**OTTAWA.**—The Grand Trunk Pacific Branch Lines Company will apply to the parliament of Canada at its present session for an act authorizing the construction of the following additional lines of railway: From a point on the western division of the G.T.P. railway between the east limit of range 12 and the west limit of range 17 west of the third meridian, thence in a southwesterly and westerly direction to a point in the vicinity of Calgary or to a point on the line which the company is authorized under paragraph 14 of clause 11 of said chapter 99 to construct to Calgary. From a point on the proposed line mentioned in the preceding paragraph between the east limit of range 20, and the west limit of range 28 west of the third meridian, thence in an easterly and southeasterly direction to Regina or to a point in the vicinity thereof. From a point in the proposed line mentioned in paragraph 2 between the east limit of range 24, and west limit of range 27, west of second meridian, to Moose Jaw, or to a point in the vicinity thereof. From a point on the western division of the G.T.P. between Artland and Wainwright, thence in an easterly and southeasterly direction to a point on the line which the company is authorized to construct to Battleford. From Regina or a point in the vicinity thereof, thence in a southwesterly and westerly direction to Lethbridge or to a point in the vicinity of Lethbridge on a line which the company is authorized to construct from Calgary to the boundary of the province of Alberta at or near Coutts. The company will also ask for power authorizing the issue of bonds to the extent of \$30,000 a mile for its said lines of railway and comprising the said lines within what are defined as the "Manitoba, Saskatchewan and Alberta extensions."

**PORT ARTHUR.**—Several parties of C.N.R. engineers are out working near Nepigon surveying a right-of-way. One party, in charge of Engineer Rose, is surveying between the Nepigon River and Long Lake and the other party is operating near Red Rock, between Nepigon River and Black Sturgeon River. The C.N.R. right-of-way is understood to cross the Nepigon River at Deschamps. The track will run close to the C.P.R. line at this point.

**ST. THOMAS.**—The commissioners of the municipally-owned street railway here, contemplate the purchase of two new cars, the installation of new motors and extensions, and debentures will probably be issued at an early date to provide the money.

**TORONTO.**—An offer to construct and operate a tube railway here, for 12 years, has been made by Messrs. Watson, Smoke, Chisholm & Smith, on behalf of a client of theirs whose identity has not been made public.