

cation to be seen at the offices of J. G. Sing, Esq., resident engineer, Confederation Life Building, Toronto; E. B. Temple, Esq., resident engineer, Port Arthur, Ont.; on application to the postmaster at Michipicoten River, Ont., and at the Department of Public Works, Ottawa. Nap. Tessier, secretary, Department of Public Works.

OTTAWA.—Tender for Head of Long Sault Dam, Bulkheads and Slide, Ottawa River, will be received at this office until 4.30 p.m., on Thursday, November 19th, 1908, for the construction of a dam, bulkheads and slide at the head of Long Sault Rapids, Ottawa River, in the Township of Gendreau, Que., according to a plan and specification to be seen at the office of J. G. Sing, Esq., resident engineer, Confederation Life Building, Toronto, on application to the postmaster at North Bay, Ont., and at the Department of Public Works, Ottawa. Nap. Tessier, secretary, Department of Public Works.

PELEE ISLAND.—Tender for the Pelee Island Wharf Extension, will be received at this office until 4.30 p.m. on Monday, Nov. 23rd, 1908, for the construction of an extension to the west wharf at Pelee Island, Essex County, Ontario, according to a plan and specification to be seen at the offices of J. G. Sing, Esq., resident engineer, Confederation Life Building, Toronto; H. J. Lamb, Esq., resident engineer, London, Ont., on application to the postmaster at Pelee Island, Ont., and at the Department of Public Works, Ottawa. Nap. Tessier, secretary, Department of Public Works.

PORT STANLEY.—Tender for Groynes at Port Stanley, Ont., will be received at this office until 4.30 p.m., on Thursday, November 5th, 1908, for the construction of six groynes for shore protection at Port Stanley, Elgin County, Ontario, according to a plan and specification to be seen at the offices of J. G. Sing, Esq., resident engineer, Confederation Life Building, Toronto; H. J. Lamb, Esq., resident engineer, London, Ont., on application to the postmaster at Port Stanley, Ont., and at the Department of Public Works, Ottawa. Nap. Tessier, secretary, Department of Public Works.

CONTRACTS AWARDED.

Ontario.

COLLINGWOOD.—A contract has been signed between the Northern Navigation Company and the Collingwood Shipbuilding Company for the construction of a steel passenger steamer to replace the old City of Toronto. The keel of the new steamer will be laid within two months. She will have triple expansion engines, twin screws and a speed of 16 miles per hour. The vessel will be 135 feet in length, with 25-foot beam. She will cost \$60,000 complete, and is to be ready to go into commission May 15th next.

HAMILTON.—The contract for equipment of the Beach pumping station was awarded to the Canadian Westinghouse and the John McDougall Company, Montreal. The combined price was \$20,148, or \$2,028 higher than the tenders of the General Electric Company, of Sweden, with McDougall pumps. The motors and pumps will have a speed of 800 revolutions a minute. The cost is made up as follows:

Westinghouse Co., two synchronous motors...	\$ 9,574
Additional starting motors and panels.....	3,354
John McDougall Co., two pumps.....	7,220

\$20,148

By having only one starting motor the Westinghouse Company's tender would have been reduced \$1,600. The engineer advised in favor of this, but Paul J. Myler, general manager of the company, clearly demonstrated to the aldermen that it would be false economy, and it was decided to have two starting motors.

TORONTO.—Tenders have been opened for the equipment and apparatus for the Ontario Hydro-Electric line. Although it has not been awarded, it is understood that work will be divided between the Canadian General Electric Company, of Peterborough, and the Canadian Westinghouse Company, of Hamilton.

WALKERVILLE.—The Kerr Engine Company, Limited, have just received an order for 100 of their gate hydrants for the city of Vancouver, B.C.

Manitoba.

WINNIPEG.—The Dominion Bridge Company have secured the contract for the steel work superstructure of the new first steel bridge, Brandon. Contract price being \$27,000. They have also the contract for the Miners Hall at Fernie, B.C., supplying the steel and ornamental iron work. Both orders will be shipped in their Winnipeg works.

Saskatchewan.

SASKATOON.—The tender of McVean and Craig, of Prince Albert, has been accepted for the sewer and water-works extension.

British Columbia.

VANCOUVER.—The tenders were opened for cast iron pipe of the following quantities and dimensions: Ten thousand feet 4-inch, 30,000 feet 6-inch, and 10,000 feet 8-inch, these supplies being needed for the ordinary city extensions during 1909. Steel pipe needed for the extension of the Seymour Creek mains across the city to Little Mountain was tendered for as follows: Ten thousand feet 12-inch, 17,000 feet 16-inch, 10,000 feet 18-inch and 1,500 feet heavy 18-inch. For the second submarine main across Second Narrows prices were submitted for 1,000 feet of bell-jointed pipe. Other prices submitted covered 100 fire hydrants and the supply of lead for caulking mains.

The prices submitted are as follows:

Vancouver Engineering works, cast iron pipe, per ton, 4-inch, \$42.17; 6-inch, \$40.90; 8-inch, \$40.37. Steel mains, per lineal foot, double riveted pipe, 12-inch, \$1.27½; 16-inch, \$1.60; 18-inch, \$1.75; 18-inch thick, \$3.60. Lap welded steel pipe, 12-inch, \$1.49½; 16-inch, 1.76½; 18-inch, \$2.01; 18-inch, thick, \$3.23. Flexible jointed pipe for submarine main, per lineal foot, \$4.95 to \$5.60, according to thickness.

Simpson, Balkwill & Company, Ludlow hydrants, \$43.95 each.

Crane & Company, Pittsburg, Pa., steel mains, lump price, 12-inch, \$15,000; 16-inch, \$37,315; 18-inch, \$25,000; 18-inch thick, \$4,980. Ludlow hydrants, \$46.46 each.

W. G. Winterburn, submarine main, per ton, \$53.50.

Robert Ward & Company, steel main, per lineal foot, 12-inch, \$1.40; 16-inch, \$1.91; 18-inch, \$2.09; 18-inch, thick, \$3.40.

Evans, Coleman & Evans: Cast iron pipe, lump price, 4-inch, \$3,652.18; 6-inch, \$17,615.25; 8-inch, \$8,446.45; submarine main, per ton, \$44. Steel mains, lump price, riveted pipe, 12-inch, \$13,300; 16-inch, \$31,110; 18-inch, \$21,300; 18-inch, thick, \$5,145. Lap welded pipe, 12-inch, \$12,400; 16-inch, \$28,050; 18-inch, \$18,800; 18-inch thick, \$4,905. Pig lead, \$3.64 per 100 pounds.

Munderloh & Co., cast iron pipe, per lineal foot, 4-inch, 34 cents; 6-inch, 50 cents; 8-inch, 83 cents. Steel mains, per lineal foot, 12-inch, \$1.43; 16-inch, \$1.79; 18-inch, \$2.02; 18-inch, thick, \$3.27.

Robertson, Godson & Co., steel mains, per hundred lineal feet, 12-inch, \$150.15; 16-inch, \$190.60; 18-inch, \$209.50; 18-inch thick, \$205.80. Submarine main, per ton, \$47.25 to \$60.12, according to weight. Cast iron pipe, per ton, 4-inch, \$40.81; 6-inch, \$40.81; 8-inch, \$41.57. Ludlow hydrants, \$40.50 each. Pig lead, \$3.64 per 100 pounds.

A. J. Forsyth & Co., cast iron pipe, all sizes, \$39.80 per ton. Steel mains, per lineal foot, 12-inch, \$1.19; 16-inch, \$1.49½; 18-inch, \$1.61; 18-inch, thick, \$3.11. Submarine main, per ton, \$47.33 to \$44.40, according to weight.

John Inglis Company, steel mains, per lineal foot, 12-inch, \$1.95; 16-inch, \$2.42; 18-inch, \$2.80; 18-inch, thick, \$5.45.

W. Beverly Robinson, cast iron pipe, per ton, 4-inch, \$41.17; 6-inch, \$38.34; 8-inch, \$38.44. Submarine main, \$42.30 per ton. Steel mains, per lineal foot, 12-inch, \$1.235; 16-inch, \$1.579; 18-inch, \$1.701; 18-inch, thick, \$2.491.

Canadian General Electric Company, cast iron pipe, per ton, 4-inch, \$41.94; 6-inch, \$41.23; 8-inch, \$41.12.

C. W. Stancliffe & Co., cast iron pipe, per ton, 4-inch, \$41.94; 6-inch, \$41.23; 8-inch, \$41.12.