

us to live in harmony with each other. And because of those restrictions, men have not always the opportunity of working for themselves, and I am one of those who believe that all good governments will see to it that every man has the opportunity to earn a living. In other words, the government does not owe him a living, but it owes him the opportunity to earn a living."

CONTRACT FOR "HYDRO" GENERATORS

For Queenston Plant Has Been Awarded to Canadian Westinghouse Co., Ltd.—Only Two Units Will Comprise Initial Installation

JUST two units will comprise the initial installation in the Queenston power house of the Ontario Hydro-Electric Power Commission. The proposition submitted by the Canadian Westinghouse Co., Ltd., for the supply of two generators, was accepted last Saturday.

It is said that the price was in the neighborhood of \$425,000 per machine. The only other known bidder was the Canadian General Electric Co., Ltd., whose price was a little higher.

The contract for the water turbines will be awarded within the very near future either to the I. P. Morris Co., Philadelphia, or the Wellman-Seaver-Morgan Co., Cleveland, the competition having narrowed down to these two firms.

The lowest quotation on the turbines is in the neighborhood of \$250,000 each. Therefore each unit will cost about \$675,000 for the water turbine and generator alone, exclusive of any auxiliary apparatus.

Each of the two generators, for which contract has been awarded, will have an output capacity of 45,000 k.v.a. at the terminals.

Each turbine will have a mechanical horse-power of 52,500 at the generator coupling. The normal speed will be 187.5 r.p.m., and the frequency, 25 cycles per second.

The rated capacity is to be delivered at a normal potential of 12,000 volts.

A review of the generator specifications appeared in *The Canadian Engineer* for November 21st, 1918, and of the water turbine specifications in *The Canadian Engineer* for September 26th, 1918.

PERSONALS

HON. H. H. WICKWIRE, K.C., M.P.P., has been appointed minister of roads for the province of Nova Scotia.

HERBERT T. ROUTLY, of the Routly Road Co., Toronto, has been engaged by the Ontario government as superintendent of construction of provincial highways.

ERNEST OLIVER has been prominently mentioned in newspaper despatches emanating from Ottawa as the probable manager of the Toronto Suburban Railway, which has been purchased by the Canadian National Railways, and of any other suburban electric lines that may come under the jurisdiction of the National Railways System.

CORRECTION

IN the list of firms mentioned in the January 16th issue of *The Canadian Engineer* as having supplied material for the extension to the Ontario Power Co.'s plant at Niagara Falls, the author accidentally omitted mention of the Nova Scotia Steel and Coal Co., Ltd., New Glasgow, N.S., who supplied a portion of the steel bands for the wood stave pipe line.

U. Richardson, M.P.P., recently headed a deputation that asked the Deputy Minister of Highways to include a road from Guelph to Southampton in the Ontario provincial-county highway system.

# Construction News Section

Readers will confer a great favor by sending in news items from time to time. We are particularly eager to get notes regarding engineering work in hand or projected, contracts awarded, changes in staffs, etc.

▲—Denotes an item regarding work advertised in *The Canadian Engineer*.

●—Denotes contract awarded. The names of successful contractors are printed in CAPITALS.

ADDITIONAL TENDERS PENDING

Not Including Those Reported in This Issue

Further information may be had from the issues of *The Canadian Engineer* to which reference is made.

PLACE OF WORK	TENDERS		
	CLOSE	ISSUE OF	PAGE
Edmonton, Alta., administration building, etc.	Feb. 24.	Jan. 30.	46
Halifax, N.S., school building	Mar. 1.	Jan. 23.	46
Pembroke, Ont., waterworks pumping unit	Mar. 7.	Jan. 30.	44
Sherbrooke, Que., highway	May 5.	Jan. 23.	44
Winnipeg, Man., telephone poles	Feb. 10.	Jan. 23.	48
Winnipeg, Man., five factories	Feb. 15.	Jan. 30.	48

BRIDGES, ROADS AND STREETS

Aylmer, Ont.—Improvements to streets and construction of pavements are contemplated by the Town Council.

Bridgewater, N.S.—The construction of macadam pavements is contemplated by the town council. J. A. Curl, clerk.

Barrie, Ont.—At a recent meeting of the Simcoe County Council an appropriation of \$150,000 was made for the improvement of the county road system. It was as follows: \$17,000 for bridges, \$33,000 for towns and villages, \$30,000 for county-provincial highways and \$70,000 on the remainder of the county good roads.

Cornwallis, Man.—Tenders will be received by the undersigned until March 5th, for the construction of a bridge. D. W. Shaw, clerk, Brandon, Man.

East Zorra Township, Ont.—An appropriation has been made to construct and repair highway bridges and culverts in the township. Amount, \$4,500.

●—Elora, Ont.—The contract for raising Victoria Bridge was awarded by the County Bridge Committee to REUBEN ROGERS, Guelph; and the cement work and strengthening of the bridge and flooring to CHARLES MATTAINI, Fergus.

Fort William, Ont.—Extensive repairs will be necessary for the pavements throughout Fort William.