

The Canadian Engineer

A weekly paper for engineers and engineering-contractors

GIANT DREDGES IN TORONTO HARBOR

DESCRIPTION OF THE "CYCLONE" AND "TORNADO," SPECIALLY CONSTRUCTED BY THE CANADIAN STEWART COMPANY, LIMITED, FOR TORONTO HARBOR AND WATERFRONT DEVELOPMENT CONTRACTS.

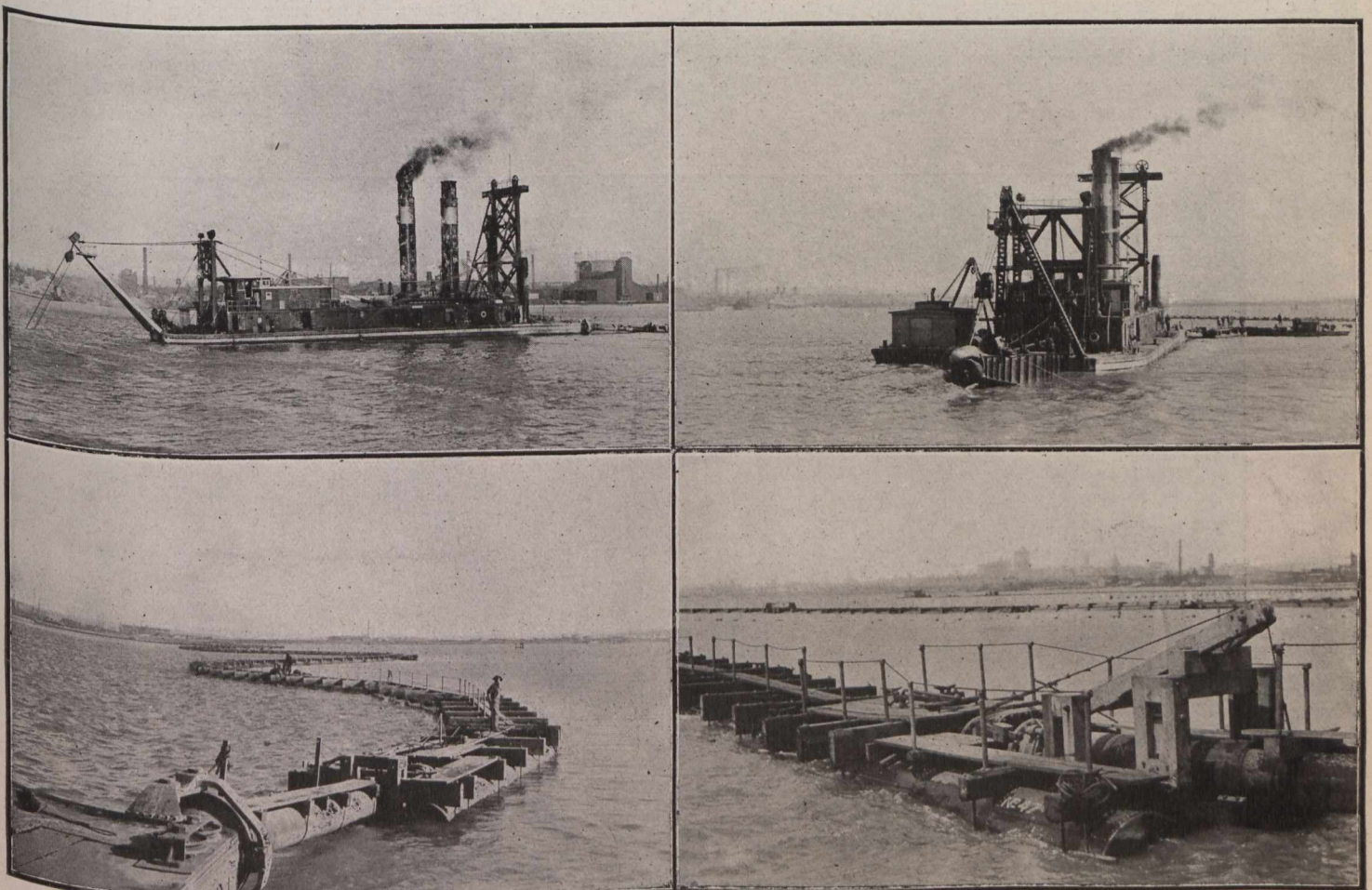
THE Canadian Stewart Company, Limited, have contracts amounting to over \$11,000,000 for the development of the harbor and waterfront at Toronto, under the direction of the Toronto Harbor Commissioners and the Dominion Government. One of these contracts involves the entire portion of the work undertaken by the Department of Public Works for Canada and amounts in round figures to four and one-half million dollars; the other contract is with the Toronto Harbor Commissioners and involves dredging in Toronto Bay and Lake for reclamation for new industrial and park areas to the extent of thirty-two million cubic yards. The

land to be reclaimed and developed aggregates upwards of 1,200 acres.

Reference to the article which appeared in *The Canadian Engineer* for June 10th, 1915, descriptive of the progress made up to that time on the \$25,000,000 scheme, will enable the reader to acquire a better conception of the magnitude of these contracts.

The dredging work is being done by the company on a unit price basis.

The contractors have constructed especially for this harbor work two hydraulic dredges which surpass in capacity any of their kind in existence. This capacity is



The Dredges in Operation, Showing Cutter in Both Raised and Lowered Positions. The Lower Views Show the Pipe Line, Pontoons, and Coupling at the Stern of the Dredge.