sion of power where, on account of noise, or for other reasons, the meshing of metallic pinions with metallic gears is impracticable or undesirable. The refinements that have been made for the purpose of increasing the efficiency of machinery have, in many instances, involved an increase of the speed of working parts to a point resulting in excessive noise in operation of gearing, and have led to the substitution of various non metallic materials for steel or iron in one or more elements in gear trains. Rawhide, paper and other materials have been extensively used with certain measures of success, but it is claimed nothing of the kind in any respect approaching the effectiveness of these cloth pinions has heretofore been produced.

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All tenders must be made with the distinct understanding that the steamer must be built

understanding that the steamer must be built in Canada.

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Plans, tender forms and specifications can be procured upon application from the Purchasing and Contract Agent, Ottawa.

The tender form is embodied in the specification.

The tender form is embodied in the specification.

Each tender must be accompanied by an accepted cheque on a chartered Canadian Bank equal to 10% of the whole amount of the tender, which cheque will be forfeited if the successful tenderer declines to enter into the contract prepared by the Department or fails to complete the steamer in accordance with the contract.

contract.
Cheques accompanying unsuccessful tenders

will be returned.

The Department does not bind itself to ac-

cept the lowest or any tender.

Newspapers copying this advertisement without authority from this Department will not be

Deputy Minister of Marine & Fisheries.

Department of Marine & Fisheries,

Ottawa, 21st June, 1913.

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