

201
March 22, 1958.

Memorandum

The Junior Engineer.

EX'D.

With reference to Mr. Jackson's memorandum of the 17th of March in regard to the various items proposed to be transferred to the Survey and Engineering Branch, and in particular the two referred to by Mr. Jackson, I beg to advise you as follows:

Fort James Junior Building. \$22,000.00.

I understand that Mr. Brown, the contractor who discussed with Mr. Christensen and Mr. Bailey the feasibility of demolishing the old building at Fort Oak Bay and transferring the materials to James for use in the erection of new buildings required there, will be in Ottawa around the 1st of April and will further discuss this question with the Architect when it may be possible to furnish you with a more accurate estimate of the cost.

Reservoir Indian Agency - Dominion School - \$5,000.00 (R.A. Special).

According to a report prepared by Mr. W. A. Harris of the Dominion Water and Power Branch in Jan., 1958, about 1350 acres of land in the Reservoir District No. 1, adjacent to the St. Mary's and Reservoir rivers may be suitably designated by gravity from the St. Mary's river. Of this acreage approximately one-half, including a large part of the land now cultivated, may be placed under irrigation as soon as water is available. The remainder will require some light clearing.

The balance of the land comprising the lower bench or flats and approximately 250 acres, suitable for land available for agriculture or for use for development under existing conditions and including about 150 acres upstream from the Reservoir bridge for which an irrigation supply may only be economically secured by pumping.

The cost of the ultimate development of 1350 acres is estimated at \$31,700, or approximately \$23.50 per acre.

As an alternative to the immediate development of the whole project it is suggested that a partial development only be given consideration. The alternative would be the construction of one unit in the lower project and the upgrading of the old intake to serve only the land, approximately 750 acres, suitable for immediate cultivation. The cost in this connection is estimated at \$11,100, or approximately \$15.00 per acre. This alternative scheme is capable of enlargement to the fully developed project outlined above or to any intermediate stage desired.