

## **Executive Summary – Iqaluit International Airport Improvement Project Nunavut Water Board - Water Licence Application**

### Location of the undertaking

Iqaluit – Nunavut - Canada

### Description of the undertaking

The Project includes the design, construction, financing, operations and maintenance of the Iqaluit International Airport, including the rehabilitation of the existing runway, new and existing taxiways and aprons, airfield lighting system, a new Air Terminal Building (ATB) and a new Combined Services Building (CSB). In addition, the Private Partner, Arctic Infrastructure Limited Partnership will operate and maintain the existing Airport during construction of the new facilities and for 30 years after the construction is completed. The GN will continue to own the Airport during the entire period.

The activities that are covered in detail within this license application include;

- Impacted soils – treatment of contaminated soils formerly located in LTUs, Including engineering for LTU in 2017/18, NWB approval for remediation plan in 2017/18, commencement of soil treatment in 2018.
- Inner-field and Landside Drainage Ditches – existing inner-field drainage & new drainage ditches
- Landside culverts - several culverts will be installed in the vicinity of the future Airport Terminal Building (ATB) and future Combined Service Building (CSB).
- Fisheries and Oceans Canada Offsetting – Carney Creek works including culvert bridge installation and compensatory rehabilitation measures of water courses.
- Sewage Removal from Camp facility - disposal to the municipal sewage disposal site.

### Proposed time schedule

The Contract was signed in 2013 and construction works are due to complete in 2017. The Airport will be operated by Arctic Infrastructure Limited Partnership (AILP) until December 2047. Bouygues Building Canada Inc and Sintra Inc as the Design-Builder will be providing construction services and Nunavut Airport Services Limited will be operating the facility. This application by AILP replaces all previous applications made by the Design-Builder (Bouygues Building Canada and Sintra) in regard to the Iqaluit International Airport Improvement Project.

### Water use

Water use is planned for dust suppression and spraying aggregates. The application contains details regarding the methodology to divert a watercourse and make modifications to the bank or bed of the watercourse. Drinking water will be provided by the City of Iqaluit to the Design-Builder's workers accommodation.

### Quantity of water involved

The project will require a quantity of water estimated at 100 m<sup>3</sup>/day.

### Waste

Waste will be produced in line with a construction project of this magnitude and will be managed in accordance with our approved waste management plan – no waste will be released into any watercourse.

### Other persons or properties affected by the undertaking

There are no persons or properties affected by the undertaking.

### Predicted environmental impacts of the undertaking and proposed mitigation measures

The proposed mitigation measures to reduce any impacts of each element of works are contained in the detailed application. Once complete we believe the project will enable a positive impact to be witnessed with more controlled watercourses and an improved ability to manage environmental issues.

Water rights We considered that no water rights and no other persons will be affected by the undertaking.