



NIRB File No.: 17XN022

NPC File No.: 148431

July 17, 2017

Jamiann Questa
Advisian, WorleyParsons Group
Suite 500, 4321 Still Creek Dr.
Burnaby, BC V5C 6S7

Sent via email: jamiann.questa@advisian.com

Re: Notice of Screening for Government of Nunavut's "Iqaluit Marine Infrastructure - Small Craft Harbour" Project Proposal

Dear Jamiann Questa:

On February 15, 2017 the Nunavut Impact Review Board (NIRB or Board) received a referral to screen Government of Nunavut – Community and Government Services' (GN-CGS) "Iqaluit Marine Infrastructure - Small Craft Harbour" project proposal from the Nunavut Planning Commission (NPC or Commission), which noted that the project proposal is outside the area of an applicable regional land use plan.

Pursuant to Article 12, Sections 12.4.1 and 12.4.4 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada* (Nunavut Agreement) and section 87 of the *Nunavut Planning and Project Assessment Act* (NuPPAA), the NIRB has commenced screening this project proposal and has assigned it file number **17XN022**.

INFORMATION REQUEST

Following a preliminary completeness check, the NIRB determined that the proposal as submitted did not contain the necessary information for the NIRB to carry out its screening. Pursuant to subsection 144(1) of the NuPPAA, on February 22, 2017 the NIRB requested that the additional information from the GN-CGS be provided to the Board. On June 27, 2017 the NIRB received the requested additional information and commenced the screening pursuant to Part 3 of the NuPPAA.

PROJECT OVERVIEW

Project Scope:

The proposed "Iqaluit Marine Infrastructure - Small Craft Harbour" project is located within the Qikiqtani region (South Baffin) on the coast of the City of Iqaluit. The Proponent intends to

improve and expand the existing small craft harbour facilities located at the City of Iqaluit in order to serve small boat users such as recreational users, hunters and fishermen, subsistence harvesters, marine outfitters and cruise ship tenders. The program is proposed to take place beginning with construction in the summer of 2018 with completion in 2019 with ongoing operations and maintenance following completion in the fall of 2020. Construction would be undertaken by GN-CGS, and operations and maintenance conducted by GN - Economic Development and Transportation.

According to the project proposal, the scope of the project includes the following undertakings, works or activities:

- Extension of the existing municipal breakwater located on the eastern bank of Koojesse Inlet by approximately 100 metres (m) and rotated 40 degrees relative to the alignment of the existing structure to provide additional protection;
- Development of an additional north breakwater that would be approximately 225 m long and follows generally the same alignment as the municipal breakwater;
 - Located approximately 170 m from the municipal breakwater;
 - Ties into a point on the shoreline north of an unnamed creek;
- Development of a new boat launch ramp approximately 25 m wide;
- Development of staging lanes 15 m to 25 m wide and would follow the alignment of Sinaa Road, extending from the top of the boat ramp to the unnamed creek;
- Use of approximately 35,000 cubic metres [m^3] bedrock sourced from an area of approximately 1 hectare from the rock cut area near the existing causeway:
 - Sourced by drilling and blasting;
 - Sorting and stockpiling blasted rock to produce general fill and riprap;
 - Crushing, screening and stockpiling of general fill to produce various crushed granular products;
 - Use of construction rock to extend the municipal breakwater, improve the existing causeway, construct the north breakwater, new boat launch ramp and staging lanes. The facilities would be comprised of a core of fill material and finished with a crushed granular road surface;
- Construct improvements to the existing causeway to increase boat launching access:
 - Widening and re-surfacing of the base of the existing low-tide ramp;
 - Widening of the existing causeway at the start of the low-tide ramp to allow for vehicle turning;
 - Construction of a new high-tide boat ramp;
 - Establish additional parking space at the end of Akilliq Road;
- Installation of two (2) floating docks inside the harbour along the existing municipal breakwater for moorage of vessels, with floats removed prior to freeze-up;
- Potential improvement access to the sea ice in winter for snowmobiles;
- Potential deepening of the boat basin if sufficient funding becomes available;
 - Excavation of up to 30,000 cubic metres (m^3) of sediment to be reused as fill material for other projects in the area;
- Use of a combination of cargo ships (barges/sealift) and aircraft as needed to transport materials and equipment required for construction, operations and maintenance of the small craft harbour;

- Use of heavy equipment and light vehicles to transport personnel and equipment to site for construction, operation and maintenance of the facility;
- Potable water, sanitary and solid waste disposal, and fuel to be provided by the City of Iqaluit services during the construction;
- All wastes (non-hazardous and sanitary) would be taken to the appropriate facilities for proper disposal in Iqaluit during the construction phase;
- Use of fuel for refuelling of equipment in designated fuelling areas;
- Use of water for dust control to supplement other dust suppression techniques during construction phase;
- Use of facilities in Iqaluit for accommodations, water source, and waste management and purchasing of local supplies for local and non-local construction workers; and
- Ongoing maintenance of the facility once constructed.

At this time, the NIRB has identified no additional works or activities in relation to the project proposal; however, the NIRB notes that as the project is proposed as permanent, reclamation of the site would be assessed as a separate project at a time when more would be understood about the activities required of that stage. Further, the Iqaluit – Deep Sea Port (NIRB File No. 17XN021) is another infrastructure project in Iqaluit proposed in proximity to the Small Craft Harbour proposal; however, as the projects are not integrally linked to development or operations of the other, these projects will be assessed separately. As a result, the NIRB will proceed with screening the project based on the scope as described above.

REQUEST FOR COMMENTS

All documents received and pertaining to this project proposal can be obtained from the NIRB's online public registry at www.nirb.ca by using any of the following search criteria:

- Project Name: Iqaluit Marine Infrastructure - Small Craft Harbour
- NIRB File No.: 17XN022
- Application No.: 125146

The documents received include:

- *NPC Screening Referral*
- *NPC Application*
- *NIRB's Online Application Form*
- *Non-technical Project Proposal summary in English, French and Inuktitut*
- *Project Proposal summary in English, French and Inuktitut*
- *Figures noting location of Small Craft Harbour and Study Areas*
- *Project Specific Information Requirements*
- *Marine Baseline Report*
- *Terrestrial and Human Environment Baseline Report*
- *Consultation Log*
- *Construction Environmental Management Plan*
- *Letters of Support*

The NIRB will copy you on screening process related correspondence and upload related documents to the NIRB's online registry for public access. The NIRB may request additional information at any time during the process.

The NIRB is copying parties and municipalities potentially affected by GN-CGS' project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **August 7, 2017**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic or socio-economic effects; and if so, why;
- Whether the project proposal is likely to cause significant adverse impacts on wildlife habitat or Inuit harvest activities; if so, why;
- Whether the project proposal is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

CONTACT INFORMATION

Please send your comments to the NIRB via email at info@nirb.ca, via fax at (867) 983-2594 or via the individual project dashboard for this assessment on the NIRB's online public registry at www.nirb.ca by using any of the following search criteria:

- Project Name: Iqaluit Marine Infrastructure - Small Craft Harbour
- NIRB File No.: 17XN022
- Application No.: 125146

If you have any questions or require additional clarification, please contact the undersigned directly at 867-857-4829 or sgranchinho@nirb.ca.

Sincerely,



Sophia Granchinho, M.Sc., EP
Manager, Impact Assessment
Nunavut Impact Review Board

cc: Distribution List
Paul Mulak, Government of Nunavut
Charlotte Mougeot, SRM Consultants Ltd.
Véronique D'Amours-Gauthier, Fisheries and Oceans Canada
Mark D'Aguiar, Fisheries and Oceans Canada
Mark Dahl, Environment and Climate Change Canada
Georgina Williston, Environment and Climate Change Canada
Christopher Aguirre, Transport Canada
Tracey McCaie, Indigenous and Northern Affairs Canada
Rob Johnstone, Natural Resources Canada
Rachelle Besner, Natural Resources Canada

Enclosures (6): Public Notice of Screening (English, Inuktitut, and French)
Comment Forms (English, Inuktitut and French)