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1. Project Name

| | |
|--|--|
| Project name: | Has this facility and/or footprint previously received financial support from Northern Development under this program? |
| 100 Mile Curling Club Water Treatment System | <input type="radio"/> Yes <input checked="" type="radio"/> No |

2. Applicant Profile

| | |
|--------------------------------------|--|
| Applicant organization (legal name): | Non-profit society registration number: <i>(if applicable)</i> |
| 100 Mile House Curling Club | 13719 |
| Mailing address: | Telephone: |
| Box 924, 100 Mile House, BC V0K 1X2 | 250-395-4442 |
| Email: | Website (URL): |
| 100milecurling@gmail.com | 100milecurlingclub.ca |

3. Primary Contact Information

| | | |
|---|---|-------------------------|
| Primary contact (for this application): | Position/title: | |
| Maria Hamilton | Treasurer | |
| Email: | Primary Phone Number: | Secondary Phone Number: |
| 100milecurling@gmail.com | <div style="background-color: black; width: 100px; height: 1.2em;"></div> | |

4. Project Location and Resolution

| | |
|--|---|
| Appropriate jurisdiction the project is located within: | Name of the appropriate local government or First Nations Band providing the resolution of support: |
| <input checked="" type="radio"/> Municipality (city, town, village or regional district): | If regional district, electoral area: |
| <input type="radio"/> First Nation reserve: | |
| Has the resolution of support been secured? <i>★ Refer to the Application Guide for sample resolution wording.</i> | |
| <input type="radio"/> Yes; attached to application | <input checked="" type="radio"/> No; date resolution of support is expected to be secured: |

5. Project Timeline

| | |
|------------------------------------|-------------------------------|
| Stage of project: | Scheduled date (dd-mmm-yyyy): |
| Forecasted project start date | 08/01/22 |
| Forecasted project completion date | 09/30/22 |

6. Project Overview

| | |
|---|--|
| Will the applicant own and operate the asset? | |
| <input type="radio"/> Yes | <input checked="" type="radio"/> No <i>★ If the property/building is not owned by the applicant, please provide evidence of control (i.e. lease agreement for five years or more).</i> |
| Indicate the physical condition of the asset before investment. <i>★ Before photos required.</i> | |
| <input type="radio"/> N/A | <input type="radio"/> Very poor |
| <input checked="" type="radio"/> Poor | <input type="radio"/> Fair |
| <input type="radio"/> Good | <input type="radio"/> Very good |
| Enter a brief description of the project, including the scope and objective/outcome: | |
| <p>To supply and install water treatment equipment consisting of a reverse osmosis system, storage tank and pump, as well as a water softener and hot water tank. The system will also include a sump pump to remove waste water produced by the new system. The project includes removal of old system and repositioning of plumbing pipes.</p> <p>The water coming out of the current system has high volumes of dissolved solids which results in very heavy, slippery ice. The current quality of water prevents us from providing adequate ice for curling, especially for new curlers and juniors. It is very difficult to throw the stones that hard. A curling rock weighs 44 pounds and it requires considerable strength to throw on heavy ice. In addition, the amount of force needed to throw the stones to the other end has caused some injuries to our members. We have also had quite a few falls from the slippery ice.</p> | |

Explain the rationale for the project:

Currently the untreated water provided to 100 Mile House Curling Club has 980 parts per million ("ppm") total dissolved solids ("TDS"). The optimum TDS required for quality curling ice is less than 20 ppm. We are currently using the Jet Ice Tank System to get the quality water we require to make the ice. This tank system results in water at 15 ppm TDS. Unfortunately the volume of water we need to make the ice at the beginning of the year is much more than the current system will process. This means that we must use raw/untreated municipal water in the early ice making process. However, the TDS ends up rising up through the quality ice and sitting on the top, creating heavy/slippery conditions. The new system will take the municipal water and treat it to under 50 ppm of TDS. This 50 ppm water will then go through Jet Ice Tanks to remove the additional solids to test at 15 ppm. We will then have 100% treated water. The Jet Ice tank system processes water based on TDS. The higher the TDS the less water can be processed through the tanks. With the new treatment system, we will only use 1 tank set every 2 years instead of two per year and all of the ice will be treated through Jet Ice. This will save the curling club \$3,388 every 2 years (2021 prices) and result in much better ice. We anticipate these costs will increase, as much of it is freight.

7. Strategic Factors

Fill out all that are applicable. The following strategic factors will be considered in the application assessment.

Describe how the ongoing operating and maintenance of the new or improved asset will be managed over its life-span, paid for, and by whom:

The new water treatment system will be maintained and managed by our ice makers in accordance with our maintenance procedure. The costs of maintaining the new system will be covered in our annual budget and will easily be less than the annual cost to charge the Jet Ice tanks. In addition, we anticipate higher membership with better curling ice.

Describe how the completion of the project will result in reduced operation, maintenance and related costs over the life-cycle of the asset:

The Jet Ice tanks currently get recharged twice per year. We anticipate recharging once every two years. This will save approximately \$3,388 every two years. In addition, there will be less time spent working on the ice to overcome the wet and heavy ice conditions. We anticipate this will save 50 hours of ice making time throughout the year.

Describe how the completion of the project will result in a reduced environmental footprint:

Currently the Jet Ice tanks are shipped to Saskatchewan twice per year. With the new system shipping will be required once every two years. The tanks are shipped via truck and the new water system will save 3 shipments every 2 years.

What systems, policies or practices are in place to ensure that funds to replace the asset at the end of its life will be available? *This must be demonstrated by a supporting document (e.g. Asset Management Plan). Please identify where in the document this can be found.*

The new water treatment system will last 15 to 20 years. The Curling Club has a rolling 5 year plan that takes into account replacing capital assets. Our annual revenue will allow for us to replace the system when required and these funds will be set aside over the years for this purpose.

How is the project aligned with the long-term plans/vision of the community that can be demonstrated by a supporting document (e.g. Official Community Plan)? *Please identify where in the document this can be found.*

The South Cariboo Community Plan states that they wish to provide an active and healthy community by providing recreational opportunities to meet the needs of the residents. The goal of the District of 100 Mile House is to continue to support the principle that recreation facilities be developed in 100 Mile House. The water treatment improvement will honour both of these commitments.

Describe any health and safety concerns the completion of this project will alleviate:

Curling occurs on a slippery surface. Ice made with very low ppm of TDS is a bit sticky. The current water system creates a very slippery surface. We have had two people fall and break bones and one dislocated shoulder. In addition, the resulting heavy ice results in muscle issues from having to throw the rocks so hard. The stones are 44 pounds.

Describe any accessibility concerns the completion of this project will alleviate:

Older curlers do not have the confidence to curl on the slippery ice, or the ability to throw the stones. The new water treatment system will make the ice surface less slippery to play on and the ice less heavy, requiring less effort to throw. In addition, our junior and new curlers will feel safer. Curlers with disabilities will also feel safer on the new ice.

If any market research or a business case been completed, summarize the results:

Please attach the supporting document(s).

We have attached our detailed business case. The improved ice will provide additional curlers, resulting in more league fees and higher tournament participation. These higher volumes will also result in higher membership fees, locker fees, liquor sales, and events. This is in addition to the savings in Jet Ice tank regeneration costs.

Describe how the project will support resident/workforce attraction and retention:

The actual system installation will need a plumber, installers and an electrician. All of curling club workers are volunteers. Generally having a physical fitness facility in the area attracts new people.

How does the project result in the preservation/creation of an amenity that serves multiple uses?

Better ice means a better curling, a more successful curling club and more members. It will also create a more desirable location for zone competitions as well as successful tournaments (bonspiels) with higher volumes of out-of-town curlers. Additional curlers on the ice means additional liquor sales in our lounge. It also allows a variety of curling events to take place.

8. Mandatory Key Deliverables

Current employment (baseline)

| Nature of positions: | Number of existing positions: | Hours of employment per week (average): | Total person months employed annually (average): |
|----------------------------------|-------------------------------|---|--|
| Direct permanent full-time jobs: | 0 | 35+ hours/week | 12 months/year |
| Direct permanent part-time jobs: | 0 | 0 hours/week | 12 months/year |
| Direct permanent seasonal jobs: | 0 | 0 hours/week | 0 months/year |

New employment

★ The applicant will be required to report on jobs after project completion to demonstrate the direct economic benefits of the project.

| Nature of positions: | Number of new positions to be created: | Hours of employment per week (average): | Total person months of employment to be created (average): | Position(s)/title(s): |
|---|--|---|--|-----------------------|
| Direct permanent full-time jobs: | 0 | 35+ hours/week | 12 months/year | |
| Direct permanent part-time jobs: | 0 | 0 hours/week | 12 months/year | |
| Direct permanent seasonal jobs: | 0 | 0 hours/week | 0 months/year | |
| TOTAL PROPOSED PERMANENT FULL-TIME EQUIVALENT (FTE) JOB CREATION: ★ Full-time equivalent (FTE) job creation is aggregated from information provided above. 1.0 FTE is equal to 1 new position working 35 hours/week for 12 months/year. | | | | |
| Direct temporary jobs: (construction and/or consulting) | 0 | 0 hours/week | 0 months/year | |

Revenue generation

★ The applicant will be required to report on revenues after project completion to demonstrate the direct economic benefits of the project.

| Current annual revenues: | Projected annual revenues: | |
|---|----------------------------|-----------|
| | Year 1: | Year 2: |
| \$ 26,000 | \$ 28,478 | \$ 31,000 |
| INCREASED REVENUE EXPECTED OVER TWO YEARS: Increased revenue expected is the sum of the projected annual revenues for the two years after the project minus the current annual revenues. | | \$ 7,478 |
| Describe how the completion of this project influences your revenue projections: | | |
| Increase in league players, increase in leagues, increase in bonspiel participants, juniors, drop-in, learn-to-curls, school classes, special events and a resulting increase in bar proceeds. Better ice conditions may also increase advertising revenue. | | |

9. Additional Key Deliverables

★ Complete a minimum of two key deliverables sections. The applicant will be required to report on these after project completion to demonstrate the success and benefits of the project.

Facility traffic

| Current annual traffic level: | Projected annual traffic level: | |
|---|---------------------------------|---------|
| | Year 1: | Year 2: |
| 198 | 296 | 393 |
| Describe how the project will result in increased usage of the facility upon its completion: | | |
| The numbers above are individual curlers. Increase in league players, increase in leagues, increase in bonspiel participants, juniors, drop-in, learn-to-curl, school classes, special events and a resulting increase in bar proceeds. Better ice conditions may also increase advertising revenue. Increase in curlers will also result in more Canlan Recreation passes being purchased for people outside of the catchment. | | |
| Describe how the applicant will track this information to ensure the accuracy of key deliverables reporting: | | |
| We track members, drop-in curlers, learn-to-curl, juniors, events, school classes in detail every year. This is reported annually to our membership. | | |

Number of operating hours

| Current operating hours annually: | Projected operating hours annually: | |
|--|-------------------------------------|---------|
| | Year 1: | Year 2: |
| 315 | 609 | 729 |
| Describe how the project will result in increased availability of the facility: | | |
| Curlers want to curl. The condition of the ice is directly related to how many curlers are in leagues, bonspiels, drop-in and learn-to-curl events. In addition, special curling events are easier to hold when the ice is in good condition and is safe to curl on. | | |
| Describe how the applicant will track this information to ensure the accuracy of key deliverables reporting: | | |
| The Curling Club tracks the hours the facility is used in detail. We will continue to do so. | | |

Number of programs offered by the applicant

| Current # of programs offered annually: | Projected # of programs offered annually: | |
|---|---|---------|
| | Year 1: | Year 2: |
| 9 | 12 | 15 |
| Describe how the project will result in increased number or programs offered by the applicant: | | |
| Curlers want to curl. The condition of the ice is directly related to how many curlers are in leagues, bonspiels, drop-in and learn-to-curl events. It is easier to promote new leagues, learn-to-curl events, drop-in and tournaments if the ice is in good condition. | | |
| Describe how the applicant will track this information to ensure the accuracy of key deliverables reporting: | | |
| The Curling Club tracks the number of programs the facility holds in detail. We will continue to do so. | | |

Rentals, events and tournaments at the facility

| Current # of rentals, events and/or tournaments hosted at the facility annually: | Projected # of rentals, events and/or tournaments annually: | |
|---|---|---------|
| | Year 1: | Year 2: |
| 6 | 10 | 15 |
| Describe how the project will result in increased rental, events and tournaments hosted at the facility upon project completion: | | |
| Additional ice and lounge rentals, bonspiels, regional competition, learn-to-curls and curling gatherings will result from better ice conditions. | | |
| Describe how the applicant will track this information to ensure the accuracy of key deliverables reporting: | | |
| The Curling Club tracks the number of rentals, events and regional competitions the facility holds in detail. We will continue to do so. | | |

Membership

| Current # of annual memberships: | Projected # of annual memberships: | |
|---|------------------------------------|---------|
| | Year 1: | Year 2: |
| 85 | 104 | 113 |
| Describe how the project will result in increased membership to the applicant organization: | | |
| The Curling Club is hoping to add a beginners league to the list of events we hold weekly. The improved ice condition will help to bring in new curlers. This beginners league will be a bridge from learning to curl, to the leagues we hold currently. In addition, the leagues numbers we have currently will improve. | | |
| Describe how the applicant will track this information to ensure the accuracy of key deliverables reporting: | | |
| The Curling Club tracks the number of annual memberships in detail. We will continue to do so. | | |

User satisfaction

| Current overall user satisfaction level: | Projected overall user satisfaction level: | |
|--|--|---------|
| | Year 1: | Year 2: |
| 40 | 80 | 95 |
| Describe how the project will result in improved user satisfaction: | | |
| The ice is currently quite dangerous and difficult to curl on. There are currently a lot of complaints. We anticipate the first year will improve significantly. | | |
| Describe how the applicant will track this information to ensure the accuracy of key deliverables reporting: | | |
| We plan to do a satisfaction survey every year starting in the 2021/22 season. | | |

10. Project Budget, Funding Request, and Funding %

✦ Complete this section if the eligible budget \$200,000 or less.

| Eligible project budget (as per Project Budget Template): | Funding request (grant): | Requested funding %: |
|--|----------------------------------|---------------------------|
| \$ 10,909.25 ✦ Applicants are required to use the Project Budget Template . | \$ 7,632 ✦ Maximum \$100,000. | % 69.96 ✦ Maximum 70%. |

✦ Complete this section if the eligible budget greater than \$200,000.

| Eligible project budget (as per Project Budget Template): | Funding request (grant): | Requested funding %: |
|--|----------------------------|----------------------|
| \$ ✦ Applicants are required to use the Project Budget Template . | \$ ✦ Maximum \$300,000. | % ✦ Maximum 50%. |

11. Other Funding Sources

| Funding source: ✦ Do not use acronyms. | Amount (\$): | Identify funding terms: | Identify funding confirmation: |
|--|--------------|--|---|
| 100 Mile Curling Club | \$ 3,277.25 | Applicant contribution | <input checked="" type="checkbox"/> Approval letter attached <input checked="" type="checkbox"/> Date approval expected: |
| | \$ | <input type="radio"/> Grant <input type="radio"/> Loan <input type="radio"/> Other: | <input type="radio"/> Approval letter attached <input type="radio"/> Date approval expected: |
| | \$ | <input type="radio"/> Grant <input type="radio"/> Loan <input type="radio"/> Other: | <input type="radio"/> Approval letter attached <input type="radio"/> Date approval expected: |
| | \$ | <input type="radio"/> Grant <input type="radio"/> Loan <input type="radio"/> Other: | <input type="radio"/> Approval letter attached <input type="radio"/> Date approval expected: |
| | \$ | <input type="radio"/> Grant <input type="radio"/> Loan <input type="radio"/> Other: | <input type="radio"/> Approval letter attached <input type="radio"/> Date approval expected: |
| | \$ | <input type="radio"/> Grant <input type="radio"/> Loan <input type="radio"/> Other: | <input type="radio"/> Approval letter attached <input type="radio"/> Date approval expected: |
| TOTAL OTHER FUNDING: \$ 3,277.25 | | TOTAL PROJECT FUNDING: \$ 10,909.25 (Northern Development + Other Sources) | |
| ✦ Eligible project budget must match total project funding ✦ | | | |

12. Attachments Check all documents that are applicable and attached to this application:

| Document name: |
|---|
| <input type="checkbox"/> Detailed project budget using Northern Development's Project Budget Template (required; in excel format) |
| <input type="checkbox"/> Detailed quotes |
| <input type="checkbox"/> Funding approval confirmations (required prior to approval, except in the Northeast) |
| <input type="checkbox"/> Local government or band resolution of support (required prior to the regional advisory committee meeting) |
| <input type="checkbox"/> Society certificate of incorporation (required for not-for-profit applicants) |
| <input type="checkbox"/> 'Before' photo(s) |
| <input type="checkbox"/> Most recent annual financial statements |
| <input type="checkbox"/> Letters of support from community organizations |
| <input type="checkbox"/> Lease agreement/or user agreement |
| <input type="checkbox"/> Business case or other market research |
| <input type="checkbox"/> Asset management plan |
| <input type="checkbox"/> Community alignment document (OCP, council priorities, strategic plan, economic development plan etc.) |
| <input type="checkbox"/> Other: |
| <input type="checkbox"/> Other: |
| <input type="checkbox"/> Other: |
| <input type="checkbox"/> Other: |
| <input type="checkbox"/> Other: |

13. Authorization

- ☐ I have read and understand the [Application Guide](#) and confirm that all the required information has been completed in this form, and required attachments are being submitted.
- ☐ I understand that Northern Development has the right to discard incomplete applications.
- ☐ I confirm that the information in this application is accurate and complete, and that the project proposal, including plans and budgets, is fairly presented.
- ☐ I agree to enter into an agreement with Northern Development prior to commencing the project. Project costs incurred by the Applicant in the absence of a signed agreement are at the sole risk of the Applicant and any such costs may be considered ineligible for reimbursement.
- ☐ I agree that once funding is approved, any change to the project proposal will require prior approval of Northern Development.
- ☐ I also agree to submit reporting materials as required by Northern Development.
- ☐ I understand that the information provided in this application may be accessible under the Freedom of Information (FOI) Act.
- ☐ I agree to acknowledge funding by Northern Development, where applicable.
- ☐ I authorize Northern Development to make enquiries, collect and share information with such persons, firms, corporations, federal and provincial government agencies/departments and non-profit organizations, as Northern Development deems necessary for decision, administration, and monitoring purposes for this project.
- ☐ I agree that information provided in this application may be shared with the appropriate regional advisory committee(s), board of directors, Northern Development staff, and consultants.

| | | |
|---|-----------------|-------|
| Name (organization signing authority): ★ Please type name. | Position/title: | Date: |
| | | |

14. Submitting Your Application

Completed funding applications (with all required attachments) should be provided electronically to Northern Development by email to info@northernddevelopment.bc.ca.

★ Please submit this Application Form and all attachments in one email; do not scan this form.