INVESTING IN CANADA INFRASTRUCTURE PROGRAM

Rural and Northern Communities

Investing in Canada Infrastructure Program

Rural and Northern Communities
Application Form Questions

THIS IS A SAMPLE APPLICATION ONLY

ALL APPLICANTS MUST APPLY AND SUBMIT APPLICATIONS ONLINE

Visit the ICIP – Rural and Northern Communities website for the online application portal.

Contents

Section 1: Applicant Information

Applicants will access the application through their client record in the Local Government Information System (LGIS). Please see the Accessing the Online Application document on the RNC Website for assistance with setting up access to LGIS if your organization does not already have this.

1.   Applicant's Primary Contact Information (from the applicant organization)
     a)   Full Name
     b)   Title of Primary Contact
     c)   Phone Number
     d)   Email Address
2.   Applicant's Secondary Contact Information (optional)
     a)   Full Name
     b)   Title of Secondary Contact
     c)   Phone Number
     d)   Email Address
3.   Head of the Applicant Organization's Contact Information (This information will be used during the decision process for any formal correspondence) Example: Chief, President, Mayor, Board Chair
     a)   Full Name
     b)   Title of Primary Contact
     c)   Phone Number
     d)   Email Address

Section 2: Project Information

4.   Project Title *(Please provide a short concise plain language title)*
5.   Project Description:
     a)   Provide a general, brief description of the project.
     b)   Provide a detailed list of the project works.

          Example: build a wastewater effluent pipeline and outfall at north end of 20 Mile Bridge at Highway 10, including:

          -   *10km of 800 mm diameter forcemain;*

          -   *pumping system;*

          -   *outfall structure; and,*

          -   *related civil, mechanical and electrical works.*

6.   Briefly describe why the project is needed and how need was assessed.

     Example: current facility needs replacement due to age, condition, increased service demands, a food security survey was completed and results include the need for the new facility

Federal Outcomes

7. Identify the outcome that best describes the major benefits from project works. (The selection of the outcome is important as questions within the application will be related specifically to the outcome that is selected.)

Rural and Northern Communities Program Core Outcomes:

- The project will improve food security
- The project will improve or increase reliability of road, air and/or marine infrastructure
- The project will improve broadband connectivity
- The project will increase energy efficiency and/or reliability
- The project will improve education and/or health facilities (specific to the Truth and Reconciliation Commission of Canada's Calls to Action)

Alternative Outcomes Eligible Under the Rural and Northern Communities Program (listed by orginating program)

Community, Culture and Recreation Outcome:
- The project will improve access to and/or increased quality of cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations

Environmental Quality Outcomes:
- The project will increase the capacity to treat and/or manage wastewater
- The project will increase the capacity to treat and/or manage stormwater
- The project will increase access to potable water
- The project will increase capacity to reduce and/or remediate air pollutants (through solid waste diversion)
- The project will increase capacity to reduce and/or remediate soil pollutants

Adaptation, Resilience and Disaster Mitigation Outcomes:
- The project will increase structural capacity and/or increase natural capacity to adapt to climate change impacts, natural disasters and/or extreme weather events

Public Transit Outcomes:
- The project will improve capacity of public transit infrastructure
- The project will improve quality and/or safety of existing or future transit systems
- The project will improve access to a public transit system

Project Type
8. Project Type [selected from pick-list]
    Example: buildings, food security, energy etc.

Project Location

9. Project physical address (and/or start and end points)

10. Electoral Area of project (for Regional District applications only)

Project Submission History

11. Has this project (or related components or phases) been the subject of another infrastructure grant application? (Yes/No)

    a) If yes, provide the following:

        I. Program name

        II. Project title

        III. Amount of Grant

        IV. Status of application: successful/unsuccessful/under evaluation

        V. Name of grant program contact

        VI. Telephone number of grant program contact

Project Works

12. Nature of the project works? (Indicate % for each relevant type)

Nature of the Project	Indicate % for relevant type
New	*If null, enter 0*
Rehabilitation	*If null, enter 0*
Expansion	*If null, enter 0*
Other	*If null, enter 0*
Total	*The total must equal 100%*

13. Will the completed works be used by the general public or members of the community (is it public facing)? * (Yes/No)

    a) If yes, Will the project meet or exceed the highest published accessibility standards in a jurisdiction, in addition to applicable provincial building codes and relevant local government bylaws? (Please see the ICIP RNC Program Guide for examples of standards) (Yes/No)

        I. If yes, Please describe how accessibility standards will be met or exceeded through the design and construction phases of the project. Please include which standard you are meeting/exceeding.

        II. If no, Explain reasons why accessibility standards can't be met.
Example – renovating an older structure that can't house an elevator to access the upper floors.

*Projects that are used by the general public must meet or exceed the requirement of the highest published accessibility standard in a jurisdiction, in addition to applicable provincial codes and local government bylaws. Accessibility Standards are as defined in the Canadian Standards Association

Technical Standard Accessible Design for the Built Environment CAN/CSA B651-12) (Please see the ICIP RNC Program Guide)

14. Will the highest published applicable energy efficiency standards in the jurisdiction be met or exceeded? (Please see the ICIP RNC Program Guide)(Yes/No)
    a) If Yes, Please list the energy efficient features that will be included in the project.
    a) If No, Please note projects must meet or exceed any applicable energy efficiency standards for buildings outlined in the *Pan-Canadian Framework on Clean Growth and Climate Change* and the ICIP RNC Program Guide

15. Does this project include dedicated spacing for housing; early learning and childcare facilities, highways and trade corridor infrastructure, resource development infrastructure, healthcare facilities or education facilities. (Projects that include these types of works are not eligible, except if they are improved education and health facilities that benefit Indigenous peoples by advancing the *Truth and Reconciliation Commission of Canada's Calls to Action* as approved by Canada. (Y/N)
    a) If yes, Please contact Ministry staff to discuss eligibility of the project.
    b) If yes, please describe the related infrastructure.

16. Does the project advance reconciliation with Indigenous communities (Yes/No)

    a) If yes, please describe how it advances reconciliation.

17. What regulatory authorities must be contacted (engaged) to complete the project and what permits will be required for the project?

    Example: Building permits for Community Kitchens must have Health Officer approval of the design prior to construction under the food security outcome.

    > *If available, please upload permits or licenses that have been obtained prior to application (document upload box)*

Section 3: Is the Project Eligible

Projects that are eligible under the Rural and Northern Communities Program must be public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit* organization.

   *See restrictions in the INFC RNC Program Guide for For-Profit projects.

18. Do you have a Council/Board/Band Council/other appropriate governing body resolution authorizing the project to proceed and committing your share of project funding?** (Yes/No) Your resolution must include the project name, the Rural and Northern Communities program name and the total cost of the project. Commitment to overages and commitment to the applicant share should also be included in the resolution. Please refer to the Resolution template on the RNC website for guidance.
    a) If yes, please attach.

b) If no, when do you expect to submit the Council/Board/Band Council resolution?:
DD-MM-YYYY

**The Council/Board/Band Council resolution is required to be received within one month of the application intake closing date. Please see the ICIP RNC Program Website for an example of the council resolution.*

19. Has the construction phase of the project started?*** (Yes/No)

    ***Projects that have started (construction tender awarded) are ineligible.*

20. What is the percentage of project design that has been completed as of application submission date? (This should match the class of your estimate.)

21. Estimated project start date (including design work)? (YYYY-MM-DD)

22. Estimated project completion date (including reporting after construction)? (YYYY-MM-DD)

23. Estimated project construction start date? (YYYY-MM-DD) This date should be at least 1 year from the time of application submission to allow time for project approvals and design work.

24. Estimated project construction completion date? (YYYY-MM-DD)

25. What is the population that will be directly served by this project?

26. What is the name and population of the community where the project is located?

27. Does the project benefit a wider geographic area than the applicant community? (Yes/No)

    a) If Yes, list any communities that will use the infrastructure, their corresponding populations, and how they will benefit.

28. Will the project support Indigenous populations? (Yes/No)

    a) If Yes, Please estimate the Indigenous population that the project will directly serve. Number box

    b) If Yes, Please estimate the Indigenous population that the project will indirectly support. Number box

28. Will the applicant own and operate the completed project? */**(Yes/No)

    a) If No, provide additional information about the ownership of the completed project

    For-Profit entities please refer to section 9.1.2 REVENUE FROM ASSETS in the ICIP RNC Program Guide
    ***Please refer to Section 9.1.1 DISPOSAL OF ASSETS in the ICIP-RNC Program Guide*

    For projects related to drinking water or wastewater:
    Applications from Improvement Districts or water utilities must be made by the sponsoring municipality or regional district. If the application is successful in obtaining funding, the ownership of the infrastructure and associated assets must be transferred to the sponsoring local government.

29. If the infrastructure is currently owned by an Improvement District, a Society, or private person or entity, is the organization prepared to dissolve and transfer ownership of the service to a municipal or regional district applicant?* (Yes/No)

a) If Yes, Please submit a resolution from the current owner of the infrastructure confirming that the ownership and operation will be transferred to the Local Government at the completion of the project.

b) If No, Please contact the Ministry

Applications from Improvement Districts or water utilities must be made by the sponsoring municipality or regional district. If the application is successful in obtaining funding, the ownership of the infrastructure and associated assets must be transferred to the sponsoring local government.

Section 4: Mandatory Documents

In all cases, relevant information must be included within the completed application form itself, as this will form the basis of the assessment. **Please make specific reference within the application to sections of attached documents that you wish to be included in the review.** Attachments should be clearly labelled, organized, and succinct. Mandatory documents may vary by applicant type and must be submitted with the application for the project to be eligible for review and potential funding.

Please see the ICIP-RNC Program Guide for explanation of requirements for each mandatory document.

Local Governments

30.	Please attach each of these mandatory documents (15 MB limits per documents). Zip files will not be accepted:

- Project location .KML file (see instructions on the ICIP RNC website)
- Detailed Cost Estimate (Must use the template on found on the ICIP RNC website)
- Confirmation of Funds Form (Must use the template found on the ICIP RNC website)
- Site Plan/Map
- Project Study or Plan (see the ICIP RNC Program Guide for details)
- For all Drinking Water or Wastewater projects:
  - Water Conservation Plan and a copy of a Council/Board/Band Council endorsement for plan
- For all Adaptation, Resilience and Disaster Mitigation Outcome projects
  - a Hazard, Risk,and Vulnerablility Assessment/Risk Assessment. (Please see the RNC Program Guide for direction/link)
- For all Education and/or Health facilities (specific to the Truth and Reconciliation Commission of Canada's Calls to Action)
  - a letter of support from the Indigenous Community where the project is located.
- For all Public Transit outcome projects:
  - a Land-use or Transportation Plan or Strategy
- Partnership/Memorandum of Understanding (MOU) agreement (if needed)

31. Additional Documentation

Additional documentation is optional and may be uploaded here to support your application. Supporting document examples: Cost Benefit Analysis or Other Study; Design Drawings; Letters of Support; Community Energy Plan; Food Security Plan; Options Assessment; or, Asset Management Plan. (Please refer to the ICIP RNC Program Guide for more information)

You may upload up to five Additional Documents

Indigenous Ultimate Recipients

32. Please attach each of these mandatory documents (15 MB limits per documents). Zip files will not be accepted:
    - Project location .KML file (see instructions on the ICIP RNC website)
    - Detailed Cost Estimate (Must use the template on found on the ICIP RNC website)
    - Confirmation of Funds Form (Must use the template found on the ICIP RNC website)
    - Site Plan/Map (see the ICIP RNC Program Guide for details)
    - Project Study or Plan (see the ICIP RNC Program Guide for details)
    - For all Indigenous Ultimate Recipient Applicants that are a Not-for Profit that has an Indigenous focussed central mandate:
        o A letter of support for the Not-for-Profit from the benefitting Indigenous community/nation is required
    - For all Drinking Water or Wastewater projects:
        o Water Conservation Plan and a copy of a Council/Board/Band Council endorsement for the plan
    - For all Adaptation, Resilience and Disaster Mitigation Outcome projects:
        o a Hazard, Risk,and Vulnerability Assessment/Risk Assessment. (Please see the RNC Program Guide for direction/link)
    - For all Public Transit outcome projects:
        o a Land-use or Transportation Plan or Strategy
    - Partnership/Memorandum of Understanding (MOU) agreement (if needed)

33. Additional Documentation (Click to expand)

Additional documentation is optional and may be uploaded to support your application. Supporting document examples:Cost Benefit Analysis or Other Study; Design Drawings; Letters of Support; Community Energy Plan; Food Security Plan; Options Assessment; or, Asset Management Plan. (Please refer to the ICIP RNC Program Guide for more information.)

You may upload up to five Additional Documents

Not-for-Profit

34. Please attach each of these mandatory documents (15 MB limits per documents). Zip files will not be accepted:
    - Project location .KML file (see instructions on the [ICIP RNC website](#))
    - Detailed Cost Estimate (Must use the template on found on the [ICIP RNC website](#))
    - Confirmation of Funds Form (Must use the template found on the [ICIP RNC website](#))
    - Site Plan/Map (see the ICIP RNC Program Guide for details)
    - Project Study or Plan (see the ICIP RNC Program Guide for details)
    - Business financial plan including working capital and income sources
    - For all Public Transit outcome projects:
        o a Land-use or Transportation Plan or Strategy
    - Partnership/Memorandum of Understanding (MOU) agreement (if needed)

35. Additional Documentation (Click to expand)

    Additional documentation is optional and may be uploaded here to support your application. Supporting document examples: Cost Benefit Analysis or Other Study; Design Drawings; Letters of Support; Food Security Plan; Options Assessment; or, Asset Management Plan. (Please refer to the ICIP RNC Program Guide for more information.)

    You may upload up to five Additional Documents

For-Profit

36. Please attach each of these mandatory documents (15 MB limits per documents). Zip files will not be accepted:
    - Project location .KML file (see instructions on the [ICIP RNC website](#))
    - Detailed Cost Estimate (Must use the template on found on the [ICIP RNC website](#))
    - Confirmation of Funds (Must use the template found on the [ICIP RNC website](#))
    - Site Plan/Map (see the ICIP RNC Program Guide for details)
    - Project Study or Plan (see the ICIP RNC Program Guide for details)
    - Business financial plan including working capital and income sources
    - Partnership/Memorandum of Understanding (MOU) agreement with a Local Government or Indigenous Ultimate Recipient.
    - For all Energy Outcome projects:
        o a Community Energy Plan

37. Additional Documentation (Click to expand)

    Additional documentation is optional and may be uploaded here to support your application. Supporting document examples: Cost Benefit Analysis or Other Study; Design Drawings; Letters of

Support; Food Security Plan; Options Assessment; or, Asset Management Plan. (Please refer to the ICIP RNC Program Guide for more information.)

You may upload up to five Additional Documents

Section 5: Project Costs and Project Delivery

38. Total Gross Project Costs

39. Total Ineligible Project Costs

40. Total Eligible Project Costs [Total Gross Project Costs less Total Ineligible Project Costs]

41. Other Funding Sources from other Federal Programs*

42. Other Funding Sources from other Provincial Programs*

43. Other Funding Sources that are not from a Provincial or Federal Program (Do not include organization's own funds / internal sources)

44. Other Funding Sources Total (please supply the sum of the 3 other funding questions that provide Federal, Provincial and non government sources)

   Please note: Other federal and/or provincial grants may affect the total grant requested as per stacking rules. See the ICIP RNC Program Guide for information on stacking rules.

45. Net Eligible Costs [Total Eligible Project Costs less Total Other Funding Sources]

46. Maximum Grant Amount (Estimated)** *Grant amount may be adjusted after ministry review.*

47. Are you requesting less than the maximum grant amount? (Yes/No)

   a) If yes, What is the requested amount and please provide a brief explanation why the request is less than the maximum grant amount.

   b) If No, If your detailed cost estimates do not directly correspond with these amounts, clarify the variance between the costs.

Fiscal Year Breakdown

48. Please fill in the costs below. The costs to be entered will represent how much money you expect to spend on eligible costs for the project each year. The second intake is designed to target projects which will be starting in 2021 or 2022

Fiscal Year*	Forecasted Eligible Project Costs (April 1 to March 31)
2021 – 2022	*If null, enter $0*
2022 – 2023	*If null, enter $0*
2023 – 2024	*If null, enter $0*
2024 – 2025	*If null, enter $0*
2025 - 2026	*If null, enter $0*
Total	

Fiscal Year Breakdown Totals must equal Net Eligible Costs OR Eligible Costs based on Requested Grant Amount.

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Funding Details

49. Is this project a phase or component of a larger project? (Yes/No)
    c) If Yes, Please provide additional details on all of the project phases and their timelines (including those outside the scope of the application) and how the identified program outcome can still be met following completion of the phase addressed in the application.

50. Can the project, as submitted, be broken into smaller phases if full funding is not available? (Yes/No)
    a) If Yes, please describe how it can be phased.
    b) If No, please explain why it can't be phased.

51. Is there the intent to submit a request for the use of own force labour and equipment for this project? (Yes/No)
    a) If yes, please provide details of the estimated incremental cost of employees/equipment and why it is not economically feasible to tender a contract for these works.

    *Please note: Requests for the use of own labour and equipment will be subject to both provincial and federal approval and will only be allowed in certain circumstances. Approval must be sought **prior** to own forces work being carried out otherwise they will be considered ineligible.*

52. Do you intend to directly award contracts (sole sourced) during procurement for any aspect of the project? (Yes/No)
    a) If Yes, The expectation is that project contracts are to be tendered. Projects that utilize directly awarded (sole sourced) construction contracts of over $40,000 and service contracts over $100,000, may need a Federal Treasury Board submission for project approval.

    For each potential contract, please identify the estimated amount of the intended directly awarded contract, who will be conducting the work, the nature of the work (specify Design, Construction or Other) and explain why sole source contracting is necessary

53. Is the employment of apprentices; Indigenous peoples; women; persons with disabilities; veterans; youth; recent immigrants; and small-sized, medium-sized and social enterprises to be considered during project procurement/construction?
    a) If yes, describe.

Section 6: Funding/Planning

Applicants should have their share of the costs secured prior to application to the program. In addition to answering the questions below, details of the secured/borrowed costs must be entered in the Confirmation of Funds Form found on the [ICIP RNC website](). This information is a requirement of the program and will be utilized to assess financial risk and project readiness.

Local Governments with a population between 5,000 and 25,000

54. Will the Local Government portion of the project come from borrowing? (Yes/No)
    a) If yes, What portion of the Local Government share of project funding is expected to be from borrowing?
    b) If Yes, Please specify the source(s) of the borrowing.
    c) If Yes, Was (is) public approval required to approve borrowing? (Yes/No)
        I. If Yes, please attach a scan of a signed and certified loan authorization bylaw that is at 3rd reading or adopted.
        II. If Yes, please attach a completed Liability Servicing Limit Certificate that includes the anticipated borrowing costs necessary to finance the project.
        III. If No, describe why approval is not required in order to borrow.
    d) If No, Are all the funds readily accessible? (Yes/No)
        I. If Yes, Please describe where the funds will be coming from and attach evidence of secured funds..
            Example: Bank statements, staff reports or resolutions of board/council directing the use of reserve funds
        II. If No, what is the anticipated source of funds?
            Example: collected through specific rates or fees, development cost contributions?

55. Is the project included in the 5-year financial plan bylaw? (Yes/No)
    a) If yes, click to upload document
    b) If no, indicate when the project will be included in the 5-year financial plan bylaw and why it has not yet been included.

56. How does your organization intend to carry the project costs until reimbursements occur?
    Example: Line of Credit, Reserve Funds

57. What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)? *(Example: Line of Credit)*

    Please Note: ICIP does not provide additional funds to cover cost overruns. Also note stacking rules in the ICIP RNC Program Guide.

Local Governments with a population under 5000

Approved projects for Local Governments with a population under 5000 will be funded up to 100%.

58. How does your organization intend to carry the project costs until a claim for completed works is reimbursed by the Province? *Example: Line of Credit, Reserve Funds*

59. What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)? *(Example: Line of Credit)*

    Please Note: ICIP does not provide additional funds to cover cost overruns. Also note stacking rules in the ICIP RNC Program Guide.

Indigenous Ultimate Recipients (on-reserve)

Approved projects for on-reserve Indigenous Recipients will receive up to 75% federal funding from the Rural and Northern Communities Program. For the remaining 25%, financial information will be required.

60.   How does your organization intend to carry the project costs until reimbursements occur?
        Example: Line of Credit, Reserve Funds

61.   Will you be using other sources of Federal funding to make up the additional 25% of project costs?

      a) If Yes, please provide the federal funding source/program; contact name & number; and, amount of additional funding

      b) If No, Is borrowing required to fund the remaining 25% and is the borrowing secured?
          Example: Line of Credit, Reserve Funds (Y/N?)

          I.   If Yes, Please attach evidence that borrowing has been secured
          II.   If Yes, Please describe how borrowing has been secured
          III.   If No, Please describe how you will fund the remaining 25% of project costs.

62.   What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)? (*Example: Line of Credit*)

        Please Note: ICIP does not provide additional funds to cover cost overruns. Also note stacking rules in the ICIP RNC Program Guide.

Indigenous Ultimate Recipients (off-reserve)

Approved projects for off-reserve Indigenous Ultimate Recipients will be funded up to 100% of eligible costs established by the conditions of the signed contract (75% Federal and 25% Provincial).

63.   How does your organization intend to carry the project costs until reimbursements occur?
        Example: Line of Credit, Reserve Funds

64.   What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)? *(Example: Line of Credit)*
        Please Note: ICIP does not provide additional funds to cover cost overruns. Also note stacking rules in the ICIP RNC Program Guide.

Not-for-Profit

Please fill out the Confirmation of Funds Form to support the answers below

65.   How does your organization intend to carry the project costs until reimbursements occur?
        Example: Line of Credit, Reserve Funds

66.   What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)? *(Example: Line of Credit, Funds on Hand, Financial Donations, Surplus and Other)*

Please Note: ICIP does not provide additional funds to cover cost overruns. Also note stacking rules in the ICIP RNC Program Guide.

67. How will you pay for your portion of the project costs?
    Example: Line of Credit, Funds on Hand, Financial Donations
    a. Please attach evidence that borrowing or other funds have been secured.

68. A financial statement will be required for Not-for-Profit organizations and must be specific to the applicant organization.

    Please upload:

    - An internally prepared financial statement for projects with eligible costs up to $500,000 or,
    - A statement reviewed by an independent public accountant for projects with eligible costs $500,001 and above

For-Profit

Please fill out the Confirmation of Funds form to support the answers below

69. How does your organization intend to carry the project costs until reimbursements occur?
    Example: Line of Credit, Reserve Funds

70. What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)? *(Example: Line of Credit, Funds on Hand, Surplus and Other)*
    Please Note: ICIP does not provide additional funds to cover cost overruns. Also note stacking rules in the ICIP RNC Program Guide.

71. How will you pay for your portion of the project costs?
    Example: Line of Credit, Funds on Hand
    a. Please attach evidence that borrowing or other funds have been secured.
       Example: line of credit letter, bank statement showing available funds)

72. A financial statement will be required for For-Profit organizations and must be specific to the applicant organization

    Please upload:

    - An internally prepared financial statement for projects with eligible costs up to $500,000 or,
    - A statement reviewed by an independent public accountant for projects with eligible costs $500,001 and above

Project Consultation Considerations

73. Does the project help meet your organization's long term goals and does it benefit the public and the wider community?(Yes/No)
    a) If yes, how does it align with your long-term plans?

b) If Yes, How does it benefit the public and the wider community?

c) If no, why doesn't it align with your long term plans?

74. What affected or interested groups or stakeholders have been consulted or will be consulted regarding the project? Please list

a) What were the results of these discussions?

75. What stage of consultation has occurred with surrounding Indigenous Groups? Please identify the Indigenous groups that have been consulted and what steps have been taken. (Text box)

76. Are there any unsettled land claims on or culturally sensitive issues related to land on which the project works will occur?

a) If yes, please explain. (Text Box)

77. Is any part of the project located on federal lands? (Yes/No)

78. Is the project subject to an impact assessment as per the *Impact Assessment Act* *(2019)*? (Yes/No)

Federal Checklist

79. The following elements are of interest to the Government of Canada (Infrastructure Canada).

    Select "Yes" for risks that are applicable to your project, and provide a brief description of the risk and mitigation strategies undertaken or planned.

    Example: Describe risk and its probability (low/medium/high), impact, and mitigation response (will risk be avoided, mitigated, transferred, or accepted). Describe the planned actions and what the residual risk will be.

    a. Project Complexity

        I. Remote geographic location (Yes/No)
        II. Unpredictable weather (Yes/No)
        III. Untested or unproven technologies (Yes/No)
        IV. Highly technical or complex project (Yes/No)
        V. Interdependencies between phases (Yes/No)
        VI. Other (please describe) (Yes/No)

    b. Project Readiness

        I. Project site hasn't been finalized (Yes/No)
        II. Land hasn't been acquired (Yes/No)
        III. Potential issues with permits or authorizations (federal, provincial, territorial and municipal) (Yes/No)
        IV. Industry supply may not be able to meet demand (Yes/No)
        V. Funding sources are not secured for the entire project cost (assuming a grant is received through this program) (Yes/No)
        VI. Other (please describe) (Yes/No)

    c. Project Sensitivity

        I. The project has received positive media attention (Yes/No)
        II. The project has received negative media attention (Yes/No)
        III. Certain stakeholders have been vocal about the project (Yes/No)

IV. Other (please describe) (Yes/No)

80. Identify any broader project risks (excluding those already identified in the federal risk checklist) such as those related to project feasibility, scope, public support, social and environmental impacts, technology, and long-term management of the project. Please list all that are known, and include your evaluation and proposed mitigation for each risk.

Example: Seasonal limitations to construction, potential timing risks or delays, referendum required, unconfirmed grants (other than ICIP), siting not confirmed, environmental assessment/impacts, archaeological sites, cost overruns, etc.

Section 7: Management & Planning

ALL APPLICANTS

Asset Management - Additional resources on infrastructure asset management can be found on the Asset Management BC website: www.assetmanagementbc.ca

81. How do you manage your infrastructure assets? Do you have an asset management plan linked with a long-term financial plan, asset management policy, strategy, framework, and/or governance structure?

Example 1: We have documented long-term asset and financial plans in place for managing assets that are updated annually; maintenance schedule; levels of service are measured and tracked. We have a database of all our assets with information such as ID number, size, install date, expected life and condition. We track maintenance within this database and performance and use this to assist with replacement decisions. We complete a condition assessment of critical assets once a year and enter the results in the database.
Example 2: We developed a policy that applies to the lifecycle management activities of physical assets that are owned or operated by our organization. It provided principles and a framework to staff for asset management practices that enables a coordinated, cost effective and organizationally sustainable approach across all departments. This Policy aligns with our town's strategic plan objectives to continue to deliver and sustain infrastructure and manage the municipality's finances.

82. What communication and engagement activities take place to ensure the community is aware of your planning around infrastructure? This includes the current levels of service provided, and associated costs to the community to continue to provide (or increase/decrease) the expected services.

Example 1: We have developed a one-page communications document that outlines the key elements of our long-term planning for the organization's new and end of life assets including anticipated levels of service and associated funding requirements. The document is available on our organization's website.
Example 2: We have had several open houses, and information sessions to discuss long-term planning and gather feedback on service level expectations and the community's ability and willingness to pay for planned levels of service.

83. How do the project design and project components support the infrastructure being operationally cost effective/cost efficient over its lifecycle?

Example: use of quality materials that require less maintenance, site selection requiring less maintenance, etc. The response should address the full lifecycle.

84.   Describe your long-term planning activities that will ensure that there will be funds to replace the proposed project at the end of its life?

Example: set aside funds annually to allow for renewal, replacement or rehabilitation in 20 years, funding through financial reserves, implementing a rate structure or user charges which include depreciation/replacement costs, etc.
This might include schedules or timelines that identify when items need to be replaced, maintenance plans/strategies, risk management plans, condition assessment plans that set out when inspections will occur, long-term financial plans (must be beyond 5 years to be considered long-term).

85.   What are your ongoing revenue sources and how will you fund your proposed project's ongoing operating and maintenance costs?

Example: We have a plan that outlines the anticipated costs of operations, maintenance and renewals over the next 10 years, and a long-term financial plan that identifies secured and anticipated sources of funding over the next 10 years to levels that will enable these costs to be funded.
Please Note: proponents are expected to manage the completed project in a financially sustainable manner, including planning for the eventual renewal of the infrastructure without grant support.

86.   Describe how you review and improve your asset management practices (plan, activities, policies) once they are completed?

Example: Every two years, we have a formal review of asset management practices that aligns with our strategic planning cycle. This allows us to ensure that our priorities, objectives, decision making criteria and planning processes remain aligned with strategic objectives and remain effective in delivering value for the community.

Section 8: Climate Change, Environmental and Resiliency Considerations

87.   How does the project design process incorporate climate change considerations, and as a result of these considerations, how do you intend to physically adapt the project? (Ex. what did you consider and how did that material affect what/where you decided to build?)

Example 1: We employed a risk management approach to anticipate, prevent, withstand, respond to, and recover from a climate change related impact by ensuring that the location of the project is above the 100 year flood zone.
Example 2: The project used available data to determine design of project, preparedness for future weather patterns (temperature, precipitation, extreme weather events) This aided us in the selection of materials used for the construction. For example we used concrete board for siding instead of wood siding.

88.   Will the project achieve a reduction in greenhouse gas emissions? (Yes/No)

89. How does/will the proposed project represent the most efficient solution to achieving lower greenhouse gas (GHG) emissions? Text box

90. Please provide an estimate of the GHG emissions (in tonnes Co2 equivalent per year), before the investment, and an estimate of the GHG emissions after the investment. Table
See guidance on methodology on the ICIP RNC website.

91. Has your organization completed work on a long-term plan or strategy to ensure resiliency against natural hazards such as flood, earthquake and fire, etc.? Example: Hazard Risk Vulnerability Assessment (Y/N)
   a) If yes, Please describe what work has been completed. (text box)

92. Describe how any of the following are applied during the construction, design or operation of the project: Check box, if yes, then Text box
   ☐ A reduction in the use of natural resources
   ☐ A reduction of impacts upon or protection, enhancement or restoration of the natural environment or wildlife habitat
   ☐ Recovery or the reuse of resources
   ☐ A reduction in the greenhouse gas emissions during construction
   ☐ The use of natural assets to deliver a service normally provided by built infrastructure.

   Example: reduced energy usage, reduction in use of materials, use of local materials, water conservation, or emissions production.

Section 9: Outcome Specific Questions

Depending upon the federal Outcome selected in Question 5, the applicant will be asked to answer ONE of the corresponding sets of Outcome Specific Questions on the following pages.

Outcome 1: *The project will improve food security*

Outcome 2: *The project will improve or increase reliability of road, air and/or marine infrastructure*

Outcome 3: *The project will improve broadband connectivity*

Outcome 4: *The project create more efficient and/or reliable energy*

Outcome 5: *The project will improve education and/or health facilities (specific to the* Truth and Reconciliation Commission of Canada's Calls to Action*)*

Outcome 6: *The project will improve access to and/or increased quality of Cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations*

Outcome 7: *The project will increase the capacity to treat and/or manage wastewater*

Outcome 8: *The project will increase the capacity to treat and/or manage stormwater*

Outcome 9: *The project will increase access to potable water*

Outcome 10: *The project will increase capacity to reduce and/or remediate air pollutants (through solid waste diversion)*

Outcome 11: *The Project will increase capacity to reduce and/or remediate soil pollutants*

Outcome 12: The Project will increase structural capacity and/or increase natural capacity to adapt to climate change impacts, natural disasters and/or extreme weather events

Outcome 13: *The Project will improve capacity of public transit infrastructure*

Outcome 14: *The Project will improve quality and/or safety of existing or future transit systems*

Outcome 15: *The Project will improve access to a public transit system*

Outcome 1: The project will improve food security

Projects eligible under the Rural and Northern Communities Program are public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome of food security projects is to help communities create improvements towards a condition in which all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food that meets their dietary needs and food preferences for an active and healthy life. Please keep this desired Outcome in mind when answering the questions in this section.

Program Targets & Community Benefits

1. How was the need for the project in the community identified? (Please elaborate on the previous answer supplied in Section 2 of the application) (Text box)
   Example: A food security assessment/charter/plan was completed for the community and found that there is a lack of fresh fruits and vegetables available to the community year round.
2. Please describe the existing food security issues in the community. (Text box)
3. Who will benefit from the project? (Text box)

   Example: homeless, elderly or all members of the community
4. What type of project will be completed? (Text box)

   Example: transportation, storage.
5. How will the increase in food security assets be measured? (Text box)

   Example 1: The food storage facility will increase its freezer space from 200 to 400 square feet.

   Example 2: The project will increase food security by providing meal services of approximately 100 meals per week
6. Are there existing food security programs/projects in the community? (Yes/No)
   a) If yes, How does the existing program relate to this project? (Text box)
7. How will the project benefit overall community health and wellness? (Text box)How does the project improve the supply of and access to food in the community? (Text box)
8. What measures will be taken following the investment that will support the continued benefits to the community? (Text box)

Please fill out the table below for Federal reporting. Include only assets that will be receiving investment

		Number of Assets Receiving Investment	Physical Condition **before investment** N/A or very poor to very good	Physical Condition **after investment** N/A or very poor to very good
Type and quantity	Food Transportation Assets (eg. road, air)- secondary outcome, must not be the main component of the project			
	Food Storage Assets (eg. warehouse)			
	Food Production assets (eg. Greenhouses, aquaculture or aquaponics)			
	Food preparation and processing assets (eg. community kitchen)			
	Other Examples : Distribution Assets (e.g. permanent market structure, centre for community meal program			

If "other" is chosen above, please describe the other food security assets. (text box with 200 word limit)

Outcome 2: The project will improve/increase reliability of road, air and marine infrastructure

Projects eligible under the Rural and Northern Communities Program are public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome is to increase access to rural and northern communities by completing improvements that will increase the reliability of road, air and marine infrastructure. Please keep the desired Outcome in mind when answering the questions in this section.

Program Targets & Benefits

1. What form of transportation will the improvements target? (dropdown -Road, air, or Marine)

All Categories

2. Is there currently year round access to the community (no long periods of closure such as seasonal closures)? (Yes/No)

     a) If No, Describe why access is not year round or how year round access is currently restricted. (Text box)

     b) If No, How many more days of access per year will the community gain by the completing the project? (Text box)

3. Is the asset(either road,air or marine) currently affected by intermittent or short periods of closures during the year? (Yes/No)

     a) If Yes, Will the anticipated number of disruptions in service in a calendar year be reduced after the completion of the project? (road closed 10 times a year, now 5) (number box)

4. Describe the existing issues with reliability of transportation in the community.

5. How does the project improve or increase the reliability of transportation within the community?

6. Will the infrastructure completed as described in the project works reduce travel times to/from/within the community?(Yes/No)

     a) If Yes, estimate the reduction in travel time and explain how the travel times will be reduced. (Text box)

7. Will the project increase public or worker safety? (Yes/No)

     a) If Yes, Please describe(Text box)

7. How will increased access benefit the community? (Example: access for medical/emergency vehicles, ability for community members to work in neighbouring communities, etc.) (Text box)

8. If the asset creates a secondary access to a community, how many kilometres of new road or marine access will be created? (number box)

Marine Only

9. Has Forest, Lands, Natural Resources Operations and Rural Development (FLNRORD) been contacted to discuss the project? (Yes/No)

     a) If Yes, What requirements were requested by FLNRORD in order to achieve approval?

10. Are there any sensitive areas that will be disturbed by works completed under the project such as known archeological sites, areas of eelgrass or protected areas? (Yes/No)

     a) If yes, please describe (Text box)

Air Only

11. Will the project improve flight times, increase frequency in flights or increase the size of plane able to use the facility? (Yes/No)

     a) If Yes, Please describe. (Text box)

12. Is the airport currently affected by periods of closures from inclement weather? (Yes/No)

     a) If Yes, Will the anticipated number of disruptions in service in a calendar year be reduced after the completion of the project? (Example:the airport is closed 10 times a year, with the improvements to the runway, it is now closed 5 times per year) (Text box)

Please fill out the table below for Federal reporting. Include only assets that will be receiving investment

Indicators				
		Number of Assets/ Length	Physical Condition **before investment** N/A or very poor to very good	Physical Condition **after investment** N/A or very poor to very good
Type and quantity	Road (length in km)			
	Road (number of assets)			
	Marine (length in km)			
	Marine (number of assets)			
	Air (length in km)			
	Air (number of assets)			

Outcome 3: The project will improve broadband connectivity

Projects eligible under the Rural and Northern Communities Program are public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome of the broadband connectivity stream is to increase the number of households that have access to the highest broadband range in their jurisdiction. Transmission or last mile projects are eligible within the stream. Please keep the desired Outcome in mind when answering the questions in this section. At completion projects must meet or exceed the provincial qualifications as a high-speed internet service. The standards require minimum speeds of 50 megabits per second when downloading information and 10 megabits per second when uploading information. (50/10 Mbps)

Program Targets & Benefits

1. Are there other existing service providers in your community? (Yes/No)
   a) If Yes, Please describe the existing service. (Text box)
   b) If Yes, Do they deliver speeds of 50/10 Mbps? (Yes/No)
      I. If Yes, What speed do they deliver above the 50/10 Mbps? (Text box)
      II. If no, What speed do they deliver? (Text box)
   c) If yes, Does their service area overlap with the service area proposed under this application? (Text box)
2. Do you have experience owning and operating the proposed type of network? (Yes/No)

a) If Yes, Please Describe (Text box)
3. Will the project focus on transmission (transport) or last mile assets? (Yes/No)
    a) If No, What type of asset will the project works cover (please describe)? (Text box)
4. Will the completed project works increase the population served by an existing service?* (Yes/No)
    a) If Yes, What is the population or number of residences that will have increased broadband connectivity when the project is completed? (Yes/No)
    b) If Yes,What is the speed provided by the existing service?* (Text box)
5. Is the project serving an area that currently doesn't have broadband service? (Yes/No)
    a) If Yes, What is the population or number of residences that will gain broadband connectivity when the project is completed?* (Text box)
6. Will the completed project produce an increase in the connectivity speed within the community?
    a) If Yes, What is the new connectivity speed (must meet the minimum speeds of 50 megabits per second when downloading information and 10 megabits per second when uploading information)? (Text box)
    b) If Yes, What is the speed provided by the existing service (please put N/A if no service currently exists)? Text box
    c) If Yes, What is the number of residences that will have access to the highest broadband speed range?

*Note: Connectivity speed within the community must meet the minimum speeds of 50/10 Mbps and a minimum of 1 Gbps for capacity to the community)

Please fill out the table below for Federal reporting. Include only assets that will be receiving investment.

Indicators			
		Before investment **N/A or** **very poor to very good**	**After Investment** **N/A or** **very poor to very good**
Project type (Select all that apply)	Internet backbone connecting broadband to a community		
	Last mile connecting the broadband backbone to individual households		

Outcome 4: The project will create more efficient and/or reliable energy

Projects eligible under the Rural and Northern Communities Program must be public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome of the stream is to increase the efficiency of electricity that is generated by a community, as well as creating energy through cleaner alternative methods. Examples include replacing diesel generated power with alternative energy sources including but not limited to solar power, wind power and biofuel.

Resource - BC's Clean Energy Act - **Clean or renewable energy projects as defined in B.C.'s *Clean Energy Act.*** Under the Act, a "clean or renewable resource means biogas, geothermal heat, hydro, solar, ocean, wind or any other prescribed resource"; or or any other prescribed resource

Program Targets & Benefits

1. Does the community have an Energy Demand-side Management Plan* or a Community Energy Plan?** (Yes/No)
    a) If Yes, Please upload
    b) If Yes, identify and explain how this project fits into the plan and identify relevant sections of the supporting documentation. (Text box)
    c) If No, Please call the Ministry to discuss.
2. Have you implemented initiatives in your Community Energy Plan**? (Yes/No)
    a) If Yes, explain what inititives have been implemented. Where applicable attach and identify relevant sections as supporting documentation. Reference any attached sections here. (Text box)
    b) If No, describe your intent for future implementation of your plans. (Text box)

*Demand side management is both energy conservation (behavioural) and energy efficiency (technology) measures. For the purpose of this question, demand side management initiatives could be included and are defined as reducing citizens' demand for electricity by providing incentives, education, etc.

**For an example of a Community Energy and Emissions Plan , please refer to: https://www.bchydro.com/powersmart/business/programs/sustainable-communities/ceep.html

3. Is the community served by the project connected to an existing grid (electricity or natural gas)? (Yes/No)
    a) If Yes, Please describe how the project will supply more efficient/reliable energy to the community. (Text box)
    b) If No, Please describe what type of fuel is currently used for energy production.
    c) If No, Will the project use an alternative source of energy production and what type of energy production does it replace? (Example: a diesel generated power plant will be replaced by a solar array and storage.) (Text box)

    d)   If No, Does the project increase the efficiency of electricity being generated in an existing system? (The project should increase the kilowatts of electricity produced per litre of fuel used.) (Yes/No)

          i.   If Yes, what is the estimated amount of improvement in kilowatts/litre of fuel used? (Text box)

          ii.   If No, What is the alternative source of energy production that will be installed? (eg. A diesel generated power plant will be replaced by a solar array) (Text box)

4.   Does the project increase the ability to store or deliver energy? (Yes/No)

    e)   If Yes, describe how. (Text box)

5.   Will the project reduce the number of power outages (any interruption lasting more than 5 min.)? Include estimated reductions in Outages/yr and decrease in duration of the outages. (Text box)

6.   What is the total amount of annual energy savings expected at project conclusion in megawatts? (Text box)

7.   What type of reduction will the project target?
Drop down box with the ability to pick one or more of (GHG, consumption of resources, capital expenditures, reduced operation costs, or environmental enhancement, other (text box with "Please describe")

Please fill out the tables below for Federal reporting. Include only assets that will be receiving investment.

Efficiency of electricity generation

Please pick one unit of measure (either Kilowatt hours per metre cubed (KW/m3) or Kilowatt hours per Litre (kWh/L) Efficiency of electricity generated :	Before Investment	Anticipated After Investment
kWh /m3		
kWh/L		

Please enter the information below in Megawatts (MW) unless otherwise noted.

Type and quantity of clean energy infrastructure *(Indicate MWs for each applicable energy source)*	Solar	
	Wind	
	Ocean	
	Hydropower	
	Biomass	
	Geothermal	
	Biofuels	
	Hydrogen derived from renewable resources (MW of new energy generated)	
	Other (Specify Type)	
	Quantity of renewable energy from other source	(amount)

Logistics Infrastructure

Please describe any logistics infrastructure associated with the project, eg. access roads and parking and their approximate sizes (this must be a secondary outcome and not be the main component of the project).

Add Text box

Number of assets receiving investment		
Length of assets receiving investment in Kilometers		
Overall physical condition of the asset(s)	**Before investment**	**After Investment**

Outcome 5: The project will improve education and/or health facilities (specific to the Truth and Reconciliation Commission of Canada's Calls to Action)

Projects eligible under the Rural and Northern Communities Program must support public infrastructure (capital assets for public use/and or benefit) owned by an Indigenous Ultimate Recipient or Local Government. The desired outcome of the category is to improve the education and/or health facilities to benefit Indigenous Peoples by advancing the Truth and Reconciliation Commission of Canada's Call to Action.

Program Targets & Benefits

1. Will a health facility be built or renovated? (Y/N)
    a) What type of health care will be included in the facitilty? (Text box)
2. Will an education facility be built or renovated? (Y/N)
    a) What type of education will be included in the facility? (Text box)
2. Please describe the existing community needs. (Text box)
3. How will the project help with the identified need? (Text box)
4. How will the project support the Indigenous Community and advance the Truth and Reconcilliation Commission of Canada's Calls to Action (please identify the specific Calls to Action items that will be supported by the project)? (Text box)
5. Does this project provide new capacity or increase the quality of existing facilities in the community? (Yes/No)
    a) If Yes, Please describe (Text box)
6. Does the project support/align with Jordan's Principle?*(Yes/No)
    a) If Yes, Please describe. (Text box)
*Please see the following link for information https://www.canada.ca/en/indigenous-services-canada/services/jordans-principle.html

Please fill out the table below for Federal reporting. Include only assets that will be receiving investment.

Project type *(Indicate the number of assets receiving investment (per type)*	Health Facility	
	Education Facility	
Overall physical condition of the asset(s)	**Before** investment N/A or very poor to very good	**After** Investment N/A or very poor to very good

Outcome 6: The project will improve access to and/or increased quality of cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations

Projects eligible under the Rural and Northern Communities Program must support public infrastructure (capital assets for public use/and or benefit) owned by an Indigenous Ultimate Recipient, Local Government or Not-For-Profit organization. The desired outcome of the category is to improve access to and/or increased quality of cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations.

Community Culture and Recreation Specific Criteria

1. Who are the intended user groups for this project?

2. What is the current estimated average number of monthly visits to the facility before investment? (0 visits would indicate facility did not previously exist.) (Text box)

3. What is the estimated average number of monthly visits at the completion of the project?

4. Does this project provide benefit to Indigenous Peoples? (Y/N) (Text box)

    a) If yes, what is the estimated level of participation of Indigenous people before the investment? (% of total number of visits) (Number box)

    b) If yes, what is the anticipated level of participation of Indigenous people at completion of the project? (% of total number of visits) (Number box)

5. Does this project benefit Indigenous communities not living on reserve? (Yes/No)

    a) If yes, indicate the % of the project that will benefit Indigenous population not living on reserve? (Number Box)

    b) Please describe how the percentage was calculated and how the project will benefit Indigenous populations not living on reserve.

6. Does this project provide benefit to an official language minority community (OLMC) (Yes/No)

    a) If yes, what is the anticipated level of participation before investment? (% of total number of visits) (Number box)

    b) If yes, what is the anticipated level of participation at the completion of the project? (% of total number of visits) (Number Box)

7. Does this project provide benefit to vulnerable populations? (Yes/No)

    a) If yes, what is the anticipated level of participation before investment? (% of total number of visits)(Number box)

    b) If yes, what is the anticipated level of participation at completion of the project? (% of total number of visits) (Number box)

8. Will this project result in a building with improved energy efficiency or a new building that is more efficient than required by code? Yes/No

a) If yes,

    i. Is the buiding new?

        - If the building is new, what is the anticipated total energy consumed in one year/total floor space of building at the completion of the project? (GJ/m2) (text box)

	Estimated GJ/m2 at completion
GJ energy used annually (GJ)	
Internal building area/floor space (m^2)	
Average height of building (m)	
Energy consumed/total floor space (GJ/m2)	

    ii. Is the building existing

        - If this is an upgrade, what is the current (before the project) and anticipated (at completion) energy consumption in one year/total floor space (GJ/m2) (Text box)

	Estimated GJ/m2 before upgrades	Estimated GJ/m2 after upgrades
GJ energy used annually (GJ)		
Internal building area/floor space (m^2)		
Average height of building (m)		
Energy consumed/total floor space (GJ/m2)		

    b) If yes, Is a certification being achieved? (Yes/No)

        i. If yes, what certification will be achieved? (Text box)

9. Were gender issues taken into consideration during the design and/or construction phases? (Yes/No/Unknown)

10. Does the public facing built asset incorporate universal design? (Yes/No)

11. The project is community-oriented, non-commercial in nature and open for use to the public. (Yes/No)

12. This project includes dedicated spaces for tourism infrastructure; provincial or municipal services; for-profit uses; daycare facilities; places of assembly for religious purposes; healthcare facilities or education facilities. (Yes/No)

13. The project is for semi-professional or professional sports teams. (Yes/No)

14. This project includes dedicated spacing for housing; early learning and childcare facilities, highways and trade corridor infrastructure, or resource development infrastructure. (Yes/No)

15. The project advances reconciliation with Indigenous communities. (Yes/No)

a) If yes, How does the project advance truth and reconciliation and which Calls to Action does the project support (Text box)

16. What steps were completed to identify the need for the project in the community? Ex. An assessment was completed for the community and found that there is a lack of service available to the community. (Text box)

17. How does this project improve quality of life in your community? (Text box)

18. Will there be a cost to access the new infrastructure? (Yes/No)
    a) If yes, how much? (Text box)

19. Does this project provide new capacity or increase quality of existing community, culture, recreation? Describe how. (Text box)

20. How does this project improve community attractiveness, encourage community growth and retain residents/businesses? (Text box)

21. What other benefits does this project have for your community? (Text box)

22. Does this project preserve views and local character? (Yes/No)
    a) If Yes, Please describe. (Text box)

23. Does this project contribute to preserving historic and cultural character? (Yes/No)
    a) If Yes, Please describe. (Text box)

24. Does this project improve community mobility? (improved walking or biking)? (Yes/No)
    a) If Yes, Please describe (Text box)

25. Does the project improve how visitors will use/benefit from the project/space? (Yes/No)
    a) If Yes, Please describe (Text box)

26. Does the project Consider tourism or seasonal usage as part of the project. (Yes/No)
    a) If Yes, Please describe (Text box)

27. Does the project align with the local area destination development plans or official community plan? (Yes/No)
    a) If Yes, Please describe (Text box)

Please fill out the table below for Federal reporting. Include only assets that will be receiving investment

		Number of assets recieving investment*	Physical Condition before investment N/A or 1 (very poor) to 5(very good)	Physical Condition after investment N/A or 1 (very poor) to 5(very good)
Type and quantity	Arena			
	Pools			
	Galleries			
	Libraries			
Type and quantity	Museums and archives			
	Presentation and performance space			

	Community facility			
	Skate Parks			
	Curling Rinks			
	Stadiums			
	Sports facilities			
	Recreational Paths*			
	Health Facilities			
	Education Facilities			
	Other			

*For Recreational Paths,please indicate the length of assets receiving investment in kilometers

Logistics Infrastructure

Please describe any logistics infrastructure associated with the project, eg. access roads and parking and their approximate sizes (this must be a secondary outcome and not be the main component of the project).

Add Text box

Number of assets receiving investment		
Length of assets receiving investment in Kilometers		
Overall physical condition of the asset(s)	**Before investment**	**After Investment**

Environmental Quality Outcomes

Outcome 7: The project will increase the capacity to treat and/or manage wastewater

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes are public infrastructure (capital assets) owned by a Local Government or an Indigenous Ultimate Recipient. The desired Outcome of the Wastewater (sewage) category is to increase the capacity to treat or manage wastewater (sewage). For example, the treatment level of wastewater may be increased or wastewater treatment may be made available to more people. Please keep the desired Outcome in mind when answering the questions in this section.

1. Will this project result in off-reserve benefits? (Yes/No) (Applicable to Indigenous Ultimate Recipients only - To be eligible for funding a project must demonstrate that direct benefits will extend off-reserve) (Yes/No)
    a) If Yes, Please describe how this project will result in direct off-reserve benefits and the services that will be delivered off-reserve. (Text box)
2. Does the project affect a wastewater system and/or facility that does not currently achieve the national effluent quality standards? (Typically, such a system and/or facility is affected by a Transitional Authorization (TA) issued under the federal Wastewater Systems Effluent Regulations (WSER.)) (Yes/No)
    a) If Yes,
        i. What is the name of the facility/system? (Text box)
        ii. What is the current risk level of the facility/system that is part of this project? (As defined by federal regulations as Medium or High risk.) (Text box)
        iii. Will the project result in the wastewater system achieving compliance with federal effluent regulations? (Yes/No)
            - If Yes, Include details on how the project addresses compliance. (Text box)
            - If No, Include details on why the project does not address compliance. (Text box)
            Wastewater Projects must result in wastewater effluent that meets the Wastewater Systems Effluent Regulations, or provincial regulations where there is a federal equivalency agreement in place.
3. What provincial regulation(s) and/or authority regulates the wastewater system of which the project forms a part? And, how does this project affect the authorization? Please describe and include ministry responsible. (Text box)
    Example: registration under provincial Municipal Wastewater Regulation, authorization under Liquid Waste Management Plan; other provincial authorization; etc.
    Example: The Townville sewage treatment plant is currently operating under a provincial permit, issued by the Ministry of Environment, for discharge to the Rolling River. The project is an expansion of the treatment plant which will then be registered under the provincial Municipal Wastewater Regulation.
4. How does the project meet the goal of reducing pollutants introduced to the environment and increase the capacity to treat or manage wastewater? (Text box)

Example: The project increases the level of treatment by adding a nutrient-removal process to the treatment plant to remove phosphorous before the effluent is discharged to the Rolling River. OR The project will connect 50 homes in Townsville to the sewer system. These homes currently use septic fields but the lots are too small and soils poor such that local groundwater quality is threatened.

Managing Demand

5. Identify the demand/flow utilized for planning and design of the project and project components, including each of the following:
    a) Design flow (e.g. L/s, M^3/d, etc.) upon which the size of the infrastructure is based, including how future growth/capacity is incorporated;
    b) How the demand/flow is measured/estimated; and,
    c) A per-capita flow equivalent for the population of the area serviced.

    Example:

    • *For design of the forcemain and pump station, an average daily flow of 200 m^3/d was used with a peak factor of 2.5.*

    • *The flow is metered at key points in the system and this identifies contributions from each neighbourhood. A map showing meter locations is attached and the project is a forcemain and pump stations between locations A and B as shown.*

    • *The design flow incorporates 20% above the maximum flow measured at point A to accommodate future growth as predicted for a 50-year service life.*

6. How are the flows in the wastewater system being influenced or managed to make the infrastructure cost effective and suitable for the full duration of its useful life?
    Example: Reduced per-capita water use will continue as it has over the last five years since the installation of residential metering with the increasing rate structure, as promoted through our Water Conservation Plan, and this reduced use will provide additional capacity for future growth. The CSO reduction plan is gradually constructing storm sewers to separate the systems, and will be completed in 2020 thereby removing rainwater from the sewer system and reducing the treatment capacity required thus delaying the need for future plant expansion.

Environmental Benefits

7. How is the management of wastewater integrated with other services in the community? (integration with services like drinking water, stormwater, solid waste, roads, etc.)
    Example: Wastewater management is integrated with drinking water services by reusing treated effluent from the wastewater treatment plant for park irrigation to reduce the use of treated drinking water, and (b) encouraging the use of low-flow fixtures with the rebates provided to residents (initiated under the Water Conservation Plan) which reduces the amount of wastewater that needs to be managed.

8. How is the recovery and reuse of resources (the capture and reuse of materials that would otherwise be wasted) included in the project? Include the estimated quantity recovered/reused.

Example: The treatment plant upgrade that is the project includes recovery of struvite (nitrogen and phosphorous.) About 250 metric tons per year of struvite is being recovered and sold as fertilizer. Upstream of struvite recovery, a purple-pipe from the treatment plant to the nearby park irrigation system (which is part of the project) will convey 500 L/s of treated effluent from the wastewater treatment plant for reuse for park irrigation

Wastewater Project Indicator Table			
Include only assets that will be receiving investment			
		Before Investment (N/A if new asset)	Anticipated After Investment
Volume of materials diverted from disposal *in cubic meters per day*			
Capacity to treat wastewater *in cubic meters per day*			
Indicate number or length as appropriate	**Number/Length of assets receiving investment**	**Physical Condition before investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good	**Physical Condition after investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good
Lagoon systems			
Linear wastewater assts in meters			
Wastewater treatment plants			
Wastewater pump stations			
Wastewater lift stations			
Wastewater storage tanks			
Other			
Other Description:			

Outcome 8: The project will increase the capacity to treat and/or manage stormwater

Projects eligible under the Rural and Northern Communities Program,Environmental Quality outcomes are public infrastructure (capital assets) owned by an Indigenous Ultimate Recipient or Local Government. The desired Outcome of the Stormwater (drainage) category is to increase the capacity to treat or manage stormwater (drainage). For example, the treatment level of stormwater may be increased to remove sediments and/or specific toxins, stormwater management may be improved to reduce peak flows or overflows, or infrastructure work may protect natural storm runoff (drainage) from contamination. Please keep the desired Outcome in mind when answering the questions in this section.

Program Targets & Benefits

1. Will this project result in off-reserve benefits? (Yes/No) (Applicable to Indigenous Ultimate Recipients only - To be eligible for funding a project must demonstrate that direct benefits will extend off-reserve)
   a) If Yes, Please describe how this project will result in direct off-reserve benefits and the services that will be delivered off-reserve. (Text box)
2. What regulation(s) or authority governs the stormwater system of which the project forms a part and how does the project affect this governance? Include any local regulations or bylaws. (Text box)
   Example: The Townville Liquid Waste Management Plan was updated in 2015 to include stormwater management with the specific activity of separating all stormwater from combined sewers by 2030. This project is a phase of that separation and will construct a new storm sewer along Main Street where there is an existing combined sewer.
3. How does the project meet the goal of reducing pollutants introduced to the environment and increase the capacity to treat or manage stormwater? (Text box)
   Example: The project reduces contaminants introduced to the environment by reducing the frequency of raw-sewage spills to the Townville Nature Preserve. In past years, heavy rainstorms have caused the combined sewer-system to overflow into the nature preserve and by separating the sewers overflow events will be reduced. As well, the new storm sewer will have capacity to manage more stormwater runoff than the existing combined sewer system.

Managing Demand/Capacity

4. Identify the estimated flow, or the amount of runoff, utilized for planning and design of the project and project components, including each of the following:
   a) How the demand/flow upon which the size of the infrastructure is based is measured/estimated to meet current conditions; and,
   b) How future growth/capacity is incorporated. (Text box)
   Example: The amount of runoff was estimated using flow meters during heavy rainfall events (1/100 year event took place during monitoring) and a hydrologic model applied to the catchment area for the storm sewer. A map showing the catchment area and project location is attached. Future growth to 2040 was included by mapping the area of development based on zoning maps and future building scenarios developed by the planning department and identified in the Townsville OCP.
   The hydrologic model was modified to account for the predicted impervious building areas and for increased intensity of storms based on climate change predictions. Based on this modelling, the required pipe size was increased from 600 mm to 900 mm diameter.)
5. How will the flows in the stormwater system be influenced or managed to make the infrastructure cost effective and suitable for the full duration of its useful life? (Text box)
   Example: Future development areas will be required to install raingardens and natural low areas to capture and treat first-flush runoff and to delay peak flows in the storm sewer system. This management will delay a need to increase pipe capacity and so will extend the life of storm sewers. As well, the development costs of the raingardens will be born by the new areas rather than the town to offset operating and maintenance costs of the existing system.

Environmental Benefits

6. How is the management of stormwater integrated with other services in the community or region (e.g. integration with services like drinking water, wastewater, solid waste, roads, etc.)? (Text box)
   Example: Stormwater management is linked with the drinking water service as the constructed bioswales will encourage stormwater to be absorbed into the soil in an area where groundwater is being depleted, rather than having it be carried downstream. The groundwater is being utilized for community drinking water, and encouraging recharge of the aquifer will help ensure that there is enough water available to the community in future years.

Stormwater Project Indicator Table		
Include only assets that will be receiving investment		
	Before Investment (N/A if new asset)	**Anticipated After Investment**
Volume of materials diverted from disposal *in cubic meters per day*		
Capacity to treat wastewater *in cubic meters per day*		

Indicate number or length as appropriate	Number/Length of assets receiving investment	Physical Condition before investment Select one: N/A, Very Poor, Poor, Fair, Good, Very Good	Physical Condition after investment Select one: N/A, Very Poor, Poor, Fair, Good, Very Good
Drainage pump stations			
Management facilities: ponds and wetlands			
Management facilities: all other permitted end-of-pipe facilities			
Linear stormwater assets *in meters*			
Other			
Other Description:			

Outcome 9: The project will increase access to potable water

Projects eligible under the Rural and Northern Communities Program,Environmental Quality outcomes are public infrastructure (capital assets) owned by a Local Government or an Indigenous Ultimate Recipient. The desired Outcome of the Drinking Water category is to increase access to potable water. For example, the level of treatment may be improved to resolve drinking water quality issues or potable water may be made available to more people. Projects must support a system that will meet or exceed provincial water quality requirements, either with the project resulting in meeting requirements or the drinking water quality already meeting the standards. Please keep the desired Outcome in mind when answering the questions in this section.

Program Targets & Benefits

1. Will this project result in off-reserve benefits? (Yes/No) (Applicable to Indigenous Ultimate Recipients only To be eligible for funding a project must demonstrate that direct benefits will extend off-reserve)
    a) If Yes, Please describe how this project will result in direct off-reserve benefits and the services that will be delivered off-reserve. (Text box)
2. Will the project meet or exceed the requirements of the Drinking Water Protection Act, Drinking Water Protection Regulation, Provincial Water Treatment Objectives, and the terms and conditions set out in the Operating Permit for the drinking water system?(Yes/No)
    a) If Yes, describe how it will meet or exceed the requirements. (Text box)
    b) If No – Message: Drinking water quality following completion of a drinking water Project must meet or exceed provincial standards. (Text box)
3. What regulation(s) or authority regulates or oversees the drinking water system of which the project forms a part? And, how does this project comply with the standards or requirements of that authority? Please describe the legal instruments that are used including the name of the regulator. i.e. Ministry of Health - Drinking Water Protection Act, and Drinking Water Protection Regulation; Ministry of Environment and Climate Change Strategy – Water Sustainability Act and Groundwater Protection Regulation; Regional Health Authority – Operating Permit, etc. (Text box)
    Example #1: The Operating Permit for our waterworks specifies that by March 21, 2020, "the Water System Owner shall provide two treatment processes acceptable to the Health Authority, achieve a 4-log removal/inactivation of viruses, a 3-log removal/inactivation of Giardia cysts and Cryptosporidium oocysts, and produce a finished water with less than 1 NTU turbidity". This project will install the necessary treatment equipment to comply with the requirements of our permit.
    Example #2: The Operating Permit for the drinking water system specifies that the purveyor shall:
    - *Provide continuous monitoring of the water disinfection process;*
    - *Provide a well protection plan for each well source; and*
    - *Provide long term plans for treatment, source and distribution system improvements"*

    This project will install continuous monitoring equipment which will bring us into compliance with the permit requirement.
4. Has the community which the project will serve experienced a long-term drinking water advisory lasting more than 12 months? (Yes/No)
    a) If Yes, How will the project result in improvements that will result in the advisory being lifted?
    b) If no, explain the nature, dates and duration of any drinking water advisories that have recently affected the community and how the project will resolve the issues which resulted in the advisory.
    c) If Yes, briefly explain the nature of the long-term drinking water advisory and how the project will resolve the issues which resulted in the advisory.

    Example: The community has been experiencing a long-term boil water advisory due to elevated levels of organics in surface water source. The new treatment facility will remove organics through x process

OR developing a new groundwater source with lower organics will ensure better source water quality, requiring less treatment and resulting in the removal of the long-term boil water advisory.

5. How does the project meet the goal of increased access to potable water? Include quantities such as the number of people or the volume of water. (Text box)
Example: The project will address a long-term boil water advisory by providing source protection and drinking water treatment improvements [specify] giving the 530 households and 40 businesses in the water service area a more reliable water supply without the need to boil water to ensure its safety.

Managing Demand

6. Identify the demand/flow utilized for planning and design of the project and project components, including each of the following:
    a) Design flow and/or current water demand (e.g. L/s or m^3/d, annual demand, average daily demand, maximum daily demand, peak hour demand, etc.) (Text box)
    b) A per-capita water demand for the population of the area serviced (Text box)
    c) How the demand/flow is measured/estimated for design of project components (Text box)
    d) Forecasted future demand or flows, and how growth/capacity is incorporated (Text box)
    e) How the size of the infrastructure has been determined based on demand or flow information. (Text box)

Example: Average daily demand is 2,799 m3 or 2,799,810 L, and current residential per capita consumption is 594 L per day as compared to the provincial average of 353 L per day, and maximum daily demand is [value].

Average annual per capita water demand at existing residences and maximum daily demand is used to determine expected use in the new area being serviced, as property sizes and uses are similar. Water demand is measured at existing residences using household water meters, and system flows are monitored at key points in the system using bulk meters. A map showing the service area and project location is attached.

The community's future growth projections have been used to identify future demand. For design of the new water treatment facility, capacity was originally going to be based on demand 5% higher than the current demand to account for growth within the 50-year design life of the new assets. However, with integration of water conservation initiatives, design capacity was reduced to the current capacity, and future growth will be offset by per capita reductions in water use.)

7. How will the future water demand/flow be managed or influenced to make the infrastructure cost effective and suitable for the full duration of its useful life? How does this project support these demand management initiatives?
Example: Water conservation initiatives including implementing an increasing rate structure based on use will continue to be implemented, as promoted by our Water Conservation Plan. The project upgrades the water treatment facility at today's peak daily demand and will rely on demand management initiatives to reduce peak demand and provide the extra capacity for community growth until about the year 2065, thereby delaying the need for facility expansion.

Environmental Benefits

8. How is the management of drinking water integrated with other services in the community or region (e.g. integration with services like wastewater, stormwater, solid waste, roads, etc.)?
   Example: The drinking water service is integrated with wastewater management as treated effluent from the wastewater treatment plant is disinfected and used for park irrigation to reduce the use of treated drinking water.

9. How is the drinking water supply (source) being protected and managed to ensure clean water is available for the future of the community?

   Example 1: Regional climate change models predict lower water levels in Upper Townsville Lake which provides the community water supply. In 2016, the lake intake was lowered by 3 m based on the climate prediction that the lake level may drop one meter over the next 100 years. The local government incorporates water quality protection into their management operations, based on requirements set out in a watershed plan.

   Example 2: Drinking water source protection will be carried out alongside the project by replanting a sloped area in the water catchment which had previously been deforested for agricultural use, helping to protect source water quality and reducing the need for additional water treatment.

Drinking Water Project Indicator Table			
Include only assets that will be receiving investment			
Indicate number or length as appropriate	**Number/Length of assets receiving investment**	**Physical Condition before investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good	**Physical Condition after investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good
Water treatment facilities			
Reservoirs			
Pump Stations			
Transmission pipes *in meters*			
Local water pipes *in meters*			
Other			
Other Description:			

Outcome 10: The project will increase capacity to reduce and/or remediate air pollutants (through solid waste diversion)

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes must support public infrastructure (capital assets for public use/and or benefit) owned by an Indigenous Ultimate Recipient or Local Government. The desired outcome of the Solid Waste Diversion category is to divert materials from entering landfills in order to reduce air pollution and to create increased capacity to process the diverted materials within the solid waste stream.

Program Targets & Benefits

1. Does the project reduce the amount of solid waste entering a landfill / increase the amount of waste diverted from disposal? Examples include: recycling, composting or anaerobic digestion infrastructure. (Yes /No)
    a) If yes,
        i. What is the estimated amount of waste that will be diverted annually? Calculation will use the Generally Accepted Principles for Calculating Municipal Solid Waste Systems Flow and should be calculated in wet tonnes. *
        ii. What is the diverted amount in Kg/capita/year? **
        iii. Describe the service area that was used to estimate the waste diversion amount.

        (Example: The entire residential population of the Regional District will be able to utilize the new composting facility, so the population of the Regional District was used in the kg/capita/year calculation.)

    b) If no, Solid waste diversion projects that do not result in a measurable increase in material diverted from disposal are ineligible.

    *The total amount of material accepted at the landfill per year is calculated from tipping measurements.

    **An average per-capita amount is calculated by dividing the total amount diverted by the number of residents in the service area.

Solid Waste Diversion Project Indicator Table		
Include only assets that will be receiving investment		
	Before Investment (N/A if new asset)	Anticipated After Investment
Volume of materials diverted from disposal *in tonnes per year*		
Capacity to dispose of materials *in tonnes per year*		

2. Solid waste infrastructure is regulated under the Environmental Management Act. Describe how the project relates to and aligns with a Solid Waste Management Plan and waste diversion targets. Describe any local regulations and bylaws which will apply to or affect the project.

    Example: The project will directly contribute towards the waste diversion targets set out in the regional district's Solid Waste Management Plan as reviewed by the Ministry of Environment, by diverting approximately 200 tonnes of organic food waste from the landfill each year. A bylaw will be put in place to require residents to separate food waste from the regular waste stream.

3. How does the project reduce air emissions from being introduced to the environment? Include the targeted pollutants/chemicals and estimated reductions, as well as describing methods used to reduce the amount or the effects of pollutants.

    Example: The project will reduce 10 tonnes (CO2e) of greenhouse gases annually, including methane and carbon dioxide that would otherwise be introduced into the atmosphere.

Managing Demand

4. What will be the effect of the project on landfill lifespan within the service area?

   Example: The expected closure date of the regional landfill was 2035, but with this diversion infrastructure, the lifespan of the landfill will be extended to 2050.

5. Does the community have a zero-waste initiative, and how does the project apply or support zero waste?

Environmental Benefits

6. How is the management of solid waste integrated with other services in the community? How will the project integrate with the other services?

   Example: The diverted organics will be mixed with biosolids from wastewater treatment, integrating solid waste and wastewater management.)

7. If your organization also operates a landfill, how is leachate recovered and treated at the landfill and how is it disposed of or discharged to the environment? Describe the collection and treatment systems and identify the final location for disposal or natural receiving environment for discharge.

   Example: Leachate is collected and piped to the treatment plant where an RBC biological pre-treatment process is used to reduce BOD and TSS. From there, the leachate effluent is piped to the Townsville wastewater treatment plant which ultimately discharges final effluent to the Rolling River.

Outcome 11: The project will increase capacity to reduce and/or remediate soil pollutants

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes must be public infrastructure (capital assets) owned by an Indigenous Ultimate Recipient or Local Government. The desired outcome of the Remediation category is to reduce soil and air pollution and to increase capacity to reduce or remediate soil and/or air pollutants through brownfield remediation. Note that the purchase of land is not an eligible cost under the program.

Program Targets & Benefits

1. Does the project reduce or remediate soil pollutants (including restoration of brownfield sites)? (Yes/No)
   a) If yes,
      i. has a Phase II Environmental Site Assessment (ESA) found that this site was contaminated?
         a. If no, Projects that answer No to the above are ineligible.
      ii. Will the site be ready for intended use at project conclusion?

   b) If No, Projects that answer No to the above are ineligible.

2. What is the intended use of the site at project conclusion (eligible Projects will support public infrastructure, defined as tangible capital assets primarily for public use and/or benefit)?

3. What is the size of the land parcel that will be remediated in the project?

4. Provide the geographic footprint of the lands which will be remediated (provide by GPS file, .kml format, according to instructions).

5. Does the project include naturally occurring assets or the use of engineered natural assets?

6. What regulation(s) or authority govern or manage the project and how does the project affect this governance? Include any local regulations or bylaws.

7. How does the project meet the goal to increase the capacity to reduce pollutants introduced to the environment or remediate soil pollutants? Include relevant details such as how much (many) toxins or toxicity (quantity) the project will reduce, and how the reduction is accomplished.

Managing Demand

8. How has the intended use of the site driven the design of the project / level of remediation required?

9. Does the remediation of the site selected for the project eliminate or reduce the need to develop natural areas (i.e. development of greenfield sites)? Explain how.

Environmental Benefits

10. What issues and levels of contamination were identified through the environmental site assessment and how have each been addressed in the project?

11. What long term initiatives, policies, actions have been put in place to prevent land that is currently free from contamination from becoming contaminated?

Soil Pollutants Project Indicator Table			
Include only assets that will be receiving investment			
	Before Investment (N/A if new asset)		**Anticipated After Investment**
Volume of materials diverted *in tonnes per year*			
Capacity to dispose of materials *in tonnes per year*			
Indicate number or length as appropriate	**Number/Length of assets receiving investment**	**Physical Condition before investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good	**Physical Condition after investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good
Naturally occurring assets (indicate overall physical condition)			
Aquifer			
Wetland			
Forest			
Shoreline Vegetation			
Other			
Other Description:			
Use of engineered natural assets (indicate overall physical condition)			
Green Roofs			
Bioswales/Rain Gardens			
Other			
Other Description:			

Outcome 12: The Project will increase structural capacity and/or increase natural capacity to adapt to climate change impacts, natural disasters and/or extreme weather events

Projects eligible under the Rural and Northern Communities Program, Resiliency, Adaptation and Distaster Mitigation outcome will complete works on public infrastructure (capital assets) owned by a Local Government or an Indigenous Ultimate Recipient. The desired results of the Adaptation, Resilience and Disaster Mitigation outcome under the RNC program is to fund projects that will help rural communities prepare for the impacts of climate change and associated natural hazards/ events/disaster that may result. The projects will help local populations prepare for or mitigate impacts of an event on the environment and communities. Please keep this desired Outcome in mind when answering the questions in this section.

1. How was the need for the project identified?
   Example : A floodplain mapping project was completed and it was concluded that the existing dyke needed to be raised by 2 meters in order to protect the community from a potential flood during the spring freshet
2. What type of natural disaster/impact/event will the project improve resiliency against?
3. Is your community susceptible to the natural disaster/impact/event (s) identified in the previous question and have you completed a hazard, risk and vulnerability analysis (HRVA) or other risk assessment?(Yes/No)

   a) If Yes, What are the potential risks that are identified by the HRVA/risk assessment?
   b) If No, An HVRA /risk assessment must be completed for the project to be eligible, please contact the Ministry to discuss.

4. Explain how the project will increase resiliency during and after a natural disaster/event.
5. Will manmade structural assets be constructed, rehabilitated, or upgraded in order to adapt to climate change impacts, natural disasters and extreme weather events? (Yes/No)
   a) *If Yes, What type of manmande structural assets will be constructed, rehabilitated or upgraded in order to adapt to climate change impacts, natural disasters and extreme weather events? Example: construction remediation of dykes*
   b) If Yes, Was the use of natural assets considered before determining a structural asset project is needed? (Yes/No)
      i. If yes, please explain your reasoning.

6. Will natural assets be improved, rehabilitated, or created? (Yes/No)

a) *(If Yes, What type of natural asset will be improved, rehabilitated or created? Example: wetlands or shoreline vegetation*

7. Will the project protect surrounding communities in addition to the community where the project is situated? Please describe the benefits provided. *Example. There are downstream benefits after a flood prevention project was completed.*

I. What type(s) of event/hazard will the project target to create increased <u>structural</u> capacity to adapt to climate change impacts, natural disasters and extreme weather events?

1.	*(select all that apply)*				
	Storm surges		Drought		Hail
	Higher tides		Wildland fires		Ice Storms
	Sea level rise		Increased frequency of freeze-thaw cycles		Increased snow loads
	Coastal erosion		Increased rainfall		Permafrost degradation
	Salt water intrusion		Increased overland flooding		Wind storms
	Heat waves or heat island effect		Increased wind speeds or tornadoes		Other *(specify)*

Description of the Asset (Asset #1)	Quantity	Physical Condition before investment	Physical Condition after investment

Where there is no existing asset (only new assets created), select N/A under "Before Investment" blank.

II. Identify the type and quantity of natural asset(s) that will be improved or created in order to increase <u>natural</u> capacity to adapt to climate change impacts, natural disasters and extreme weather events.

Type and quantity of assets being worked on in the scope of the project	Aquifer	
	Wetland	
	Forest	
	Shoreline vegetation	
	Other *(describe)*	

Where there is no existing asset (only new assets created), select N/A under "Before Investment" blank.

Overall physical condition of the natural asset(s)	Before investment	After Investment

III. What type(s) of natural hazard/event/disaster will the project focus have as its focus?

select all that apply					
Storm surges		Drought		Hail	
Higher tides		Wildland fires		Ice Storms	
Sea level rise		Increased frequency of freeze-thaw cycles		Increased snow loads	
Coastal erosion		Increased rainfall		Permafrost degradation	
Salt water intrusion		Increased overland flooding		Wind storms	
Heat waves or heat island effect		Increased wind speeds or tornadoes		Other *(specify)*	

IV. Will the project include the engineered use of natural resources? Example : Bioswales, Green Roofs

    i. If yes, please identify the type and quantity of assets improved or created.

Type and quantity of assets receiving investment *(Indicate quantity for all that apply)*	Types of Engineered Use of Natural Resource	
	Green Roofs	
	Bioswales/Rain gardens	
	Other *(describe)*	

Overall physical condition of the natural asset(s)	Before investment	After Investment

Where there is no existing asset (only new assets created), select N/A under "Before Investment" blank.

Outcome 13: The Project will improve capacity of public transit infrastructure

Projects eligible under the Rural and Northern Communities Program, Improved Capacity of Public Transit Infrastructure Outcome are for public infrastructure (capital assets) owned by a Local Government, an Indigenous Ultimate Recipient or Not-For-Profit organization. The projects will improve the capacity of public transit systems within the community and work towards increased use. Please keep this desired outcome in mind when answering the questions in this section.

1. Does the project align with a land-use or transportation plan or strategy, or is it consistent with approved plans of regional transportation bodies?
   a. If yes, Please explain how it aligns.
   b. If no, In order for the project to be eligible it must align with a land-use or transportation plan or strategy, or be consistent with approved plans of regional transportation bodies.
2. What mode(s) of transportation will be included in the scope of the project? Bus, Train, Bike etc.
3. Explain how the project improves the capacity of the public transit infrastructure.
4. Will the project improve service times or the number of routes available to the community (or provide other measurable benefits to improve capacity)?
   a. If yes, please describe.
5. Describe the transportation challenges within the community and how the need was identified.
   a. Was a study such as a market assessment (or other needs assessment) conducted?
      i. If yes, please upload the document.
2. What are the final objectives of the completed project? (Text box)
   a. How will the community benefit from the objectives described above? (Text box)
6. Is the project innovative or will it utilize new technology? (Yes/No)
   a. If yes, please describe(Text box)

For Federal reporting purposes, please fill out the table below.

		Quantity	Physical Condition before investment	Physical Condition after investment
Rolling Stock	Ferry			
	Bus			
	Bus fuel type	Diesel / Bio-diesel / Electric / Natural Gas / Other (specify below)		

		Quantity	Physical Condition before investment	Physical Condition after investment
Fixed Assets	Passenger stations or terminals			
	Transit shelter / Stop			
	Parking facility			
	Passenger drop-off			
	Maintenance and storage (eg. garage, railway shop, service facility)			

		Before investment	After investment
Proximity	Number of people living within 400m of the proposed transit service *(applies to regular transit routes)*		
	Number of people living within 1000m of the proposed transit service *(applies to rapid transit routes)*		

		Quantity or Length (km)	Physical Condition before investment	Physical Condition after investment
Active Transportation	Bike/Pedestrian lane; sidewalk			
	Footpath; recreational trail			
	Active transportation support facility (eg. Bike parking/storage)			
	Other *(specify)*			
	Other *(specify)*			

Outcome 14: The Project will improve quality and/or safety of existing or future transit systems

Projects eligible under the Rural and Northern Program,Improved Quality and/or Safety of Existing or Future Transit System Outcome are for public infrastructure (capital assets) owned by a Local Government, an Indigenous Ultimate Recipient or Not-For-Profit entity. Please keep this desired outcome in mind when answering the questions in this section.

1. Does the project align with a land-use or transportation plan or strategy, or is it consistent with approved plans of regional transportation bodies?
    a. If yes, Please explain how it aligns.
    b. If no, In order for the project to be eligible it must align with a land-use or transportation plan or strategy, or be consistent with approved plans of regional transportation bodies.
2. What mode(s) of public transportation will be included in the scope of the project? Bus, Train, Bike etc.
3. Explain how the project improves the quality and/or safety of future transit systems?
4. How will the improvements be measured (either quality or safety improvements)?
5. Describe the transportation challenges in reference to safety/ quality of service within the community and how the need was identified?
    a. Was a study such as a market assessment (or other needs assessment) conducted?
        i. If yes, please attach the document
6. How will the project improve the quality and/or safety of an existing service?
7. What are the final objectives of the completed project?
    a. How will the community benefit from the objectives described above?
8. Is the project innovative or will it utilize new technology? YES/NO
    a. If yes, please describe
9. Please fill the table below with the following information for all boxes that apply to the project: type of asset the project targets, the quantity and what is the physical condition before and anticipated condition after the project is completed?

For Federal reporting purposes, please fill out the table below.

		Quantity	Physical Condition before investment	Physical Condition after investment
Rolling Stock	Ferry			
	Specialized Transit Services			
	Bus			
	Bus fuel type	Diesel / Bio-diesel / Electric / Natural Gas / Other (specify below)		

		Quantity	Physical Condition before investment	Physical Condition after investment
Fixed Assets	Passenger stations or terminals			
	Transit shelter / Stop			
	Parking facility			
	Passenger drop-off			

		Before investment	After investment
Proximity	Number of people living within 400m of the proposed transit service *(applies to regular transit routes)*		
	Number of people living within 1000m of the proposed transit service *(applies to rapid transit routes)*		

		Quantity or Length (km)	Physical Condition before investment	Physical Condition after investment
Active Transportation	Bike/Pedestrian lane; sidewalk			
	Footpath; recreational trail			
	Active transportation support facility (eg. Bike parking/storage)			
	Other *(specify)*			

Outcome 15: The project will improve access to a public transit system

Projects eligible under the Rural and Northern Communities Program, Improved Access to a Public Transit System Outcome are for public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient or Not-For-Profit entity. The projects will improve the access of public transit systems in the community and work towards increased use. Please keep this desired Outcome in mind when answering the questions in this section.

1. Does the project align with a land-use or transportation plan or strategy, or is it consistent with approved plans of regional transportation bodies?
    a. If yes, Please explain how it aligns.
    b. If no, In order for the project to be eligible it must align with a land-use or transportation plan or strategy, or be consistent with approved plans of regional transportation bodies.
2. What mode(s) of public transportation will be included in the scope of the project? Bus, Train, Bike etc.
3. Explain how the project improves the access to transit systems for the community?
4. Describe the transportation challenges within the community.
5. How was the need identified?
    a. Was a study such as a market assessment (or other needs assessment) conducted?
        i. If yes, please attach the document
6. What are the final objectives of the completed project?
    a. How will the community benefit from the objectives described above?
7. Is the project innovative or will it utilize new technology? YES/NO
    a. If yes, please describe
8. Please fill the table below with the following information for all boxes that apply to the project: type of asset the project targets, the quantity and what is the physical condition before and anticipated condition after the project is completed?

For Federal reporting purposes, please fill out the table below.

	Quantity	Physical Condition before investment	Physical Condition after investment
Rolling Stock — Ferry			
Bus			
Bus fuel type	Diesel / Bio-diesel / Electric / Natural Gas / Other (specify below)		

	Quantity	Physical Condition before investment	Physical Condition after investment
Fixed Assets — Passenger stations or terminals			
Transit shelter / Stop			
Parking facility			
Passenger drop-off			

		Before investment	After investment
Proximity — Number of people living within 400m of the proposed transit service *(applies to regular transit routes)*			
Number of people living within 1000m of the proposed transit service *(applies to rapid transit routes)*			

	Quantity or Length (km)	Physical Condition before investment	Physical Condition after investment
Active Transportation — Bike/Pedestrian lane; sidewalk			
Footpath; recreational trail			
Active transportation support facility (eg. Bike parking/storage)			
Other *(specify)*			
Other *(specify)*			