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| **PROPOSAL SUMMARY:** | | | | | | | | | | | |
| **Project Number:** | |  | | | | | | | | | |
| **Title:** |  | | | | | | | | | | |
| **Keywords:** |  | | | | | | | | | | |
| **Proposed Duration of Project:** | | | | | | \_\_\_\_ year(s) | | | | | |
| **Indian Principal Investigator (PI):** | | | | | |  | | | | | |
| **Indian PI Institution:** | | | | | |  | | | | | |
| **Indian Co-Principal Investigator:** | | | | | |  | | | | | |
| **Indian Co-PI Institution:** | | | | | |  | | | | | |
| **Canadian Principal Investigator (PI) :** | | | | | |  | | | | | |
| **Canadian PI University:** | | | | | |  | | | | | |
| **Canadian Co-Principal Investigator (if any):** | | | | | |  | | | | | |
| **Canadian Co-PI University:** | | | | | |  | | | | | |
| **Total Requested Budget from DST (Indian Rs.):** | | | | | | | |  | | | |
| **Total Requested Budget from IC-IMPACTS (CAD):** | | | | | | | |  | | | |
| **Number of Students To Be Trained in India:** | | |  |  | | | **\_\_Ph.D.** | |  | | **\_\_Postdoc.** |
| **Number of Students To Be Trained in Canada:** | | | **\_\_M.Sc.** |  | | | **\_\_Ph.D.** | |  | | **\_\_Postdoc.** |
| **Expected Cash Contribution by Partners:** | | | | |  | | | | | **/per year** | |
| **Expected In-kind Contribution by Partners:** | | | | |  | | | | | **/per year** | |

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| **Project Abstract** (for public purposes – maximum 250 words). If application is successful, this section will appear on IC-IMPACTS website and in other print IC-IMPACTS materials. |

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| **1. Research Team** |

* 1. **Principal Investigators**

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| **Indian Principal Investigator Information:** | | | | |
| **Last Name:** |  | | **First Name:** |  |
| **Title:** |  | | | |
| **Department:** |  | | | |
| **Institution:** |  | | | |
| **Telephone:** |  | | **Mobile:** |  |
| **Email:** |  | | **Fax:** |  |
| **Street Address:** |  | | | |
| **City:** |  | | **State:** |  |
| **Date of Birth:** |  | | | |
| **Canadian Principal Investigator Information:** | | | | |
| **Last Name:** |  | **First Name:** | |  |
| **Title:** |  | | | |
| **Department:** |  | | | |
| **Institution:** |  | | | |
| **Telephone:** |  | **Mobile:** | |  |
| **Email:** |  | **Fax:** | |  |
| **Street Address:** |  | | | |
| **City:** |  | **Province:** | |  |
| **Postal Code** |  |  | |  |

**1.2. Co-Principal Investigators**

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| --- | --- | --- | --- |
| **Indian Co-Principal Investigator Information:** | | | |
| **Last Name:** |  | **First Name:** |  |
| **Designation:** |  | | |
| **Department:** |  | | |
| **Institution:** |  | | |
| **Telephone:** |  | **Mobile:** |  |
| **Email:** |  | **Fax:** |  |
| **Street Address:** |  | | |
| **City:** |  | **State:** |  |
| **Canadian Co - Principal Investigator Information:** | | | |
| **Last Name:** |  | **First Name:** |  |
| **Designation:** |  | | |
| **Department:** |  | | |
| **Institution:** |  | | |
| **Telephone:** |  | **Mobile:** |  |
| **Email:** |  | **Fax:** |  |
| **Street Address:** |  | | |
| **City:** |  | **State:** |  |

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| **1.3. Other Project Team Members:**  List the core members of the research team, their role and expertise.  Distinguish between core project members for whom you would seek funding through this process and those who would be providing input, but would be supported through “leveraged” or “in-kind” support funded from other sources (if available). Indicate each team member’s anticipated overall role in the project. |

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| **1.3.a Proposed Core Research Team Members** | | | |
| **Name** | **Academic Institution or Organization** | **Project Role** | **Area of Expertise / Qualifications** |
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| **1.3.b. Other Researchers and Partners (supported by other “leveraged” funding if available)** | | | |
| **Name** | **Academic Institution or Organization** | **Project Role** | **Area of Expertise / Qualifications** |
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| **1.4. Excellence of the Research Team:**  Briefly describe how the scientific qualifications, breadth of experience and roles of each of the Principal Investigators, Co-Principal Investigators and other Project team members are best suited to achieve the outcomes of this project. Be sure to highlight their expertise in the proposed field of work. |

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| **1.5. Relevant Publications of Project Leaders:**  Identify Three (3) Key Publications by **each** of the Canadian and Indian Principal Investigators and Co-Principal Investigators Relevant to the Proposed Project: |

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| **1.6. Ongoing / Completed Projects by Indian Principal Investigator:**  List National and International Ongoing and Completed projects by the Indian Principal Investigator (DST information requirements) |

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| **National Projects: (add rows as necessary)** | | | | |
| **S. No.** | **Project Title** | **Sponsoring Agency** | **Budget** | **Status** |
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| **International Projects: (add rows as necessary)** | | | | | |
| **S. No.** | **Project Title** | **Name of the Collaborating Scientist and Institute** | **Sponsoring Agency** | **Budget** | **Status** |
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**4. Collaboration Opportunity** (maximum 500 words)

Is this a new opportunity for Canada-India Collaboration or is there a past record of collaboration in this project area? If so, describe past collaboration and results.

Describe necessity and significant of proposed research exchange between Canada and India (whether project could be done without the collaboration and if not complementary aspects the demonstrate benefit and impact of collaboration).

**PROJECT TECHNICAL INFORMATION**

**3. Research Project Overview** (maximum 1000 words)

Include a discussion of the following:

- Discussion of origin of the proposal

- Rational of the subject supported by cited literature,

- Hypothesis and key questions

- Current status of research and development in the subject

- Relevance and expected outcome of the proposed study

- Preliminary work done to date

- Relevance to national needs in India and Canada

**4. Research Project Objectives** (maximum 3000 words)

Should be written in bulleted form, a short paragraph indicating the methods to be followed for achieving the objective and verifiable indicators of progress should follow each specific objective.

| **5. Key Milestones** | | | | |
| --- | --- | --- | --- | --- |
| **Project Element** | Milestone To Be Achieved | **Year 1** | **Year 2** | **Impact of Outcome** |
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| Add more lines if required | | | | |

**6. Expected Results of the Collaboration:** (maximum 1000 words)

Describe expected outcomes (e.g., joint publications, patents, etc.).

Describe if any of the expected results are likely to have commercial value.

**7. Research Outcomes Deployment:** (maximum 1000 words)

Discuss the following issues:

1. Specify the strategy for deployment or knowledge transfer of the research outcomes into a community context.
2. Identify any anticipated challenges in the deployment or knowledge transfer or research outcomes into a community context and how you plan to mitigate these challenges if they arise.
3. Address how you will identify opportunities for knowledge translation and end-user utilization in the development and application of the proposed innovations and technologies.

**8. Unique and Innovative Aspects of the Proposed Research Project:** (maximum 1000 words)

**9. Partner Involvement and Technology Utilization:** (maximum 1000 words)

Discuss the following issues:

- Describe the specific role of partners involved in the project and how they will contribute.

- Describe any opportunities for networking within, as well as external to, your proposed project to inform and increase the value and potential of your project and network to benefit other research projects of your institution, within your field, and within the IC-IMPACTS Network.

**10. Project Relevance:** (maximum 500 words)

Describe the relevance of the project to Communities in India and Canada and explain how findings of the project will be applied towards improving the lives of habitants in these partner communities. Identify any potential roadblocks to successful translation of findings from your project into these communities.

**11. Highly Qualified Personnel Training Summary:**

Summarize the quantity and identify the role of graduate students, other highly qualified personnel (HQP) or professional practitioner training in the proposed project and summarize the anticipated nature of their role in the research project.

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| **HQP Training Summary** | | | | | |
| **Level of HQP** | **Number participating from Canada** | | **Number**  **participating from India** | | **How involved in project** |
|  | **Year 1** | **Year 2** | **Year 1** | **Year 2** |  |
| **Masters Students** |  |  |  |  |  |
| **Doctorate Students** |  |  |  |  |  |
| **Post-Doctoral Fellows** |  |  |  |  |  |
| **Professional Practitioners** |  |  |  |  |  |
| **Other HQP** |  |  |  |  |  |
| **Total # HQP** |  |  |  |  |  |

**12. Highly Qualified Personnel Training – Unique Training Opportunity:** (maximum 1000 words)

Describe the unique potential training opportunities, opportunities for training within communities, and other opportunities to interact with end-user communities.

**13. Experts in the Field:**

List names, institutions and addresses of 5 experts in the field who would be in a position to evaluate your research proposal. Note: DST and IC-IMPACTS may solicit independent external reviews from individuals not identified on this list.

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| --- | --- | --- | --- | --- | --- |
| Surname | First name | Position | Institution | Area of Expertise | Email Address |
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**14. Project Management:** (maximum 500 words)

Indicate how you will ensure effective project management, including:

(1) A clear plan and demonstrated capacity to manage the various elements of the project,

(2) Ensuring that the project proceeds on time and on budget, and addresses key milestones;

(3) Ensuring appropriate integration of project elements and avoiding silos among project participants;

(4) Overseeing effective HQP development and maximization of training potential; and

(5) Ensuring effective collaboration among international project team members and partners.

**15. Rationale for Requested Budget from DBT and IC-IMPACTS and Funding from Other Sources**

(1) Use the budget application forms to specifically outline the project budget requested from DBT and IC-IMPACTS and as provided from other funding sources.

(2) **In writing below** address each of the following issues: (maximum 500 words)

1. Describe how any leveraged sources, funding or programs available to you will contribute to the budget and enhance the outcomes of this project or make it more achievable.
2. Describe budget provisions for knowledge translation and commercialization activities, including face-to-face meetings with end users and within partner communities during the life of the project.
3. Describe budget provisions for knowledge dissemination and technology commercialization at end-of-project.

**16. Additional Critical Considerations:** (maximum 500 words)

Identify any additional critical considerations you would like to bring to the attention of the review committees.