



INDIA - CANADA SCIENTIFIC AND TECHNOLOGICAL COOPERATION

India-Ontario (Canada) Joint Call for Proposals for Collaborative R&D Projects **November 2010**

Under the India-Canada Agreement for Scientific and Technological Cooperation, the Governments of India and Canada have agreed to foster joint research and development (R&D) projects.

This India-Ontario (Canada) Call for Proposals (CFP) will be delivered by the Global Innovation & Technology Alliance (GITA), a non-governmental organization, engaged by the Department of Science and Technology (DST), Government of India on the Indian side; and by International Science and Technology Partnership Canada (ISTPCanada), a non-governmental organization selected by the Ministry of Research and Innovation (MRI), Government of Ontario on the Canadian side. In Ontario (Canada), ISTPCanada is responsible for the implementation of the Ontario/India Collaborative Research Fund, which directly supports four goals established by the Government of Ontario.

This CFP is open to R&D projects in the following sectors:

- Information and Communication Technologies
- Clean Technologies
- Digital Media

1. Nature of the Activities

This India-Ontario (Canada) program aims to foster and support the development of collaborative R&D projects that bring together companies, research organizations, academics and other collaborators from both countries for the joint development of innovative products or processes. It aims to stimulate innovative R&D projects (engaging small-to-medium-sized companies and/or larger, well established firms) that address a specific market need or challenge; demonstrate high industrial relevance and commercial potential; and aim to deliver benefit to all participants, and more broadly, to both nations. These projects help participants to become more competitive by developing global research-based alliances with the potential to foster increased or expanded international R&D collaboration. Applicants are required to review the complete application guidelines before developing and submitting an Expression of Interest or a complete proposal.

2. Eligibility

Each proposal must include an eligible lead from Ontario (Canada) and India. Although it is not mandatory, projects that engage a technology developer and a technology end-user/first customer are strongly encouraged.

Applicants from Ontario (Canada)

Eligible Ontario (Canada) applicants include: researchers and managers of Ontario-based companies, academic institutions, research hospitals, other institutes or associations that operate and are headquartered in Ontario (Canada). Representatives from subsidiaries of firms that are headquartered and owned outside of Ontario (Canada) are typically not eligible for support. However, as 'benefit to Ontario (Canada)' is a key objective and among the most important project criteria, ISTPCanada may grant an exception to such representatives if it is convinced that Ontario (Canada) will accrue clear economic benefit from the bilateral R&D project.

Please note: Representatives from Agencies of the Crown (including Crown corporations, government institutes, government laboratories, etc.) are eligible to participate in R&D projects and related initiatives supported by ISTPCanada, however they are not eligible to receive funding or subsidies from ISTPCanada.

Applicants from India

Eligible Indian applicants include: researchers and managers of Indian companies, academic institutions, research hospitals or other R&D institutions (including not-for-profit research institutes recognized by DST/GITA) that are headquartered and operate in India.

Please note:

- Indian companies must be registered corporations in India under Indian Companies Act 1957, maintain a minimum of 51 percent Indian ownership;
- Sole proprietors and partnership firms are not eligible for support under this CFP;
- Representatives from subsidiaries of firms headquartered and owned outside India are not eligible to receive funding or subsidies from GITA.

3. Requirements

Applicants are required to meet all of the following criteria when applying for funding under this CFP. Each proposal for an India-Ontario R&D project must:

- Identify an eligible lead from India and Ontario (Canada) who will be responsible for the development and submission of the joint application within their province or country;
- Must include at least one company from India and Ontario (Canada);

- Project duration between twelve and twenty four months;
- Be innovative and market-driven, leading to the proposed development of a new product or process leading to commercialization;
- Demonstrate the joint India-Ontario (Canada) project team's capacity to manage the proposed project;
- Articulate clear commercial goals, and associated commercialization strategies;
- Demonstrate that all partners contributing to the R&D project have agreed in advance on IP rights and the commercialization plan for the jointly developed product or process;
- Building on the principles of a true bilateral partnership, all projects should demonstrate equivalence in effort from the Indian and Canadian partner;
- Projects involving both academia and industry must demonstrate active participation by industry partner.

Please note:

- Although it is not mandatory, the engagement of academia will strengthen a proposal;
- R&D projects that provide opportunities for young researchers to participate are strongly encouraged;
- Representatives from countries other than India and Canada are permitted to participate in bilateral R&D projects; however they are required to secure their own funding.

Any team proposing an R&D project that addresses the above criteria is eligible to apply to this Call in accordance with the national laws, rules, regulations and procedures of their jurisdiction or country.

4. R&D Project Funding

Selected India-Ontario (Canada) R&D project participants will receive funding from MRI in Canada and GITA in India. Funds will be provided in accordance with the national laws, rules, regulations and procedures established by each organization, and/or each jurisdiction/country.

Funding for R&D Project Participants in Ontario, Canada

As the proportion of Canadian and Indian project costs will vary by project, participants from Ontario, Canada are eligible to receive up to a maximum of 50 percent of approved Ontario/Canadian costs for the bilateral R&D project, to a maximum of CDN \$300,000.

ISTPCanada will award two types of funding to selected project participants from Ontario, Canada:

- Funding awarded to private companies will be provided as a repayable grant; these recipients are required to repay this contribution upon successful completion of the project and the commercialization of the results;
- Funding awarded to university researchers will be provided as a non-repayable grant; these recipients are not required to repay this contribution.

An Important Note about Stacking Rules: The stacking limit of total government assistance (the combination of federal, provincial and municipal assistance for the same eligible expenditures) for this program is 75 percent. This means the total government funds used to implement an R&D project may not exceed 75 percent of the total budget. Please refer to the Application Guidelines for additional information.

Funding for R&D Project Participants in India

GITA will award two types of funding to selected project participants from India:

- Publicly funded academic and research organizations are eligible to receive up to 100 percent of approved Indian project costs as a non-repayable grant to a maximum of CDN \$300,000. Please note: GITA may choose to award funding that exceeds CDN \$300,000 in select cases depending on the nature of the project.
- Private companies are eligible to receive up to 50 percent of approved Indian project costs as a soft loan that is repayable upon the successful completion of the R&D project.

5. How to Apply

To ensure the effective delivery of the CFP and reinforce the principles of bilateral partnership, ISTPCanada and GITA will employ a joint, two-step application process for this India-Canada (Ontario) Call.

Step 1: Submission of an Expression of Interest (EOI)

As a first step, applicants are required to submit an Expression of Interest (EOI) to ISTPCanada and GITA on, or before, **January 21st, 2011, midnight EST**. The Canadian and Indian R&D project leads are required to submit a single, joint EOI using the template provided by ISTPCanada and GITA for this purpose. EOIs that do not use the approved template will not be accepted. Upon completion, applicants must e-mail (only one joint submission with signatures required for both Ontario (Canada) and India applicants) the completed EOI as a word document and as a signed PDF to ISTPCanada-GITA@canada-india-proposals.org by December 15, 2010, midnight EST. This will ensure that the EOI is delivered to both ISTPCanada and GITA for review.

ISTPCanada and GITA will acknowledge all EOIs within five working days of receipt.

Step 2: Submission of a Complete Proposal

Following the conduct of an EOI review, GITA and ISTPCanada will notify all proponents about the outcome of their EOI submission. Indian and Canadian project leads for approved EOIs will be invited to submit a joint proposal to their respective CFP program delivery agency (ISTPCanada in Ontario, or GITA in India) on or before, **March 23rd, 2011, midnight EST**. It is important to note that Indian and Ontario (Canada) project lead are each required to submit

requested number of copies (see below) of the final proposal in an official working language to the delivery agency in their province or country.

Each application must be signed by an official who is legally responsible for the R&D project and endorsed by the chief executive or leader of the applicant organization or institute. Electronic signatures will be accepted on applications submitted to ISTPCanada and GITA.

Applicants are required to use the Application Template (will be provided to the successful EOI applicants) associated with this CFP when submitting a proposal. Proposals that do not use the approved format will not be accepted into the competition.

Please refer to the Application Guidelines for Collaborative R&D Projects for additional information on EOI and proposal development.

The Canadian project lead is required to submit three printed and signed copies (see address below) along with the electronic version as a **word** document and as a **signed PDF** of the complete and signed proposal on a CD.

Bharat Rudra, Country Manager for India, ISTPCanada, 371 A Richmond Road, Suite 4, Ottawa, ON, Canada, K2A 0E7

The Indian project lead is required to submit 10 printed and signed copies (see address below) along with the electronic version of the complete and signed proposal as a **word** document and as a **signed PDF** on a CD.

Samrat Ghatak, Programme Coordinator – Canada, Global Innovation & Technology Alliance, 28, Institutional Area, Lodi Road, New Delhi – 110 003 India

ISTPCanada and GITA will acknowledge all proposals within five working days of receipt.

6. CFP Information Sessions

All Indian and Canadian applicants are strongly encouraged to participate in one of the following CFP information sessions to be organized and jointly hosted via teleconference by ISTPCanada and GITA.

- December 3rd, 2010 – 9:00 AM EST / 6:30 PM IST
- December 21st, 2010 – 9:00 AM EST / 6:30 PM IST
- January 11th, 2011 – 9:00 AM EST / 6:30 PM IST

Advanced registration is required for all information sessions. To register, please provide your name, title, organization, email address and phone number, along with the date and time of the session you would like to attend, via email to: cfp-India@ISTPCanada.ca.

7. Important Dates and Deadlines

Release of India-Ontario (Canada) R&D Call for Proposals: November 10th, 2010

CFP Information Sessions: Please refer to Section 6 of this document

Expression of Interest Deadline: January 21st, 2011

Full Application Deadline: March 23th, 2011

Release of CFP Results: June 10th, 2011

8. Evaluation and Selection of R&D Projects

To ensure the effective delivery of the CFP and reinforce the principles of bilateral partnership, GITA and ISTPCanada will conduct a parallel but independent review of all applications followed by a joint review. Together, these program delivery agencies will make a joint decision on selected R&D projects to be funded under this competition.

Review of Expressions of Interest

GITA and ISTPCanada will independently assess all EOIs, and then proceed to conduct a joint review. EOI's will be evaluated on the basis of CFP requirements outlined on page 3, section three.

Please note that the EOI review process will have three possible outcomes:

- The EOI meets all program requirements; the lead participants are requested to submit a complete proposal to ISTPCanada and GITA for this CFP using the approved template;
- The EOI clearly does not address the program requirements; the lead participants are advised not to submit a full proposal to ISTPCanada and GITA for this CFP;
- The EOI addresses a majority of the requirements, but requires some additional information; the lead participants are requested to clarify or provide additional details before a final decision is made by ISTPCanada and GITA.

Evaluation and Selection of R&D Projects

Drawing on expert reviewers from both countries, ISTPCanada and GITA will carry out parallel but independent evaluations of all applications based on the project criteria and requirements specified in the CFP application form. Successful R&D projects will be jointly reviewed and selected by the two CFP delivery agencies based on the feedback and recommendations received from Indian and Canadian expert reviewers.

Publication of the Results

Project leads will be informed of the outcome of the review process, and if successful, the funding to be awarded to the bilateral project, by their respective CFP delivery agency. A

complete list of selected projects will be published on the GITA and ISTPCanada websites following the public announcement of CFP results.

Administrative and Legal Requirements to be Addressed by Project Leaders Prior to the Release of Funds

Following award notification, GITA and ISTPCanada will advise project leaders in their jurisdiction of all administrative and legal requirements to be addressed prior to the release of funds.

9. Contact Information

Should you have questions regarding this India-Ontario (Canada) Call for Proposals for Collaborative R&D Projects, the application process or information sessions, please contact:

For further information contact:

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