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CALL FOR PROPOSALS ANNOUNCEMENT (V1)

For Collaborative Research and Development Projects between Canada and São Paulo, Brazil

October 2009

Deadline: November 13, 2009

This document sets out the terms and conditions for a Canada-Brazil Call for Proposals (CFP) for collaborative research and development implemented by **International Science and Technology Partnerships Canada (ISTPCanada)** in Canada and **FAPESP** in the State of São Paulo, Brazil.

ISTPCanada develops and implements R&D collaboration programs under Science and Technology (S&T) cooperation agreements between Canada and its key trading partners, including India, China, Brazil and Israel. Mandated by the Government of Canada through the Department of Foreign Affairs and International Trade, ISTPCanada facilitates the development of new R&D partnerships between Canadian companies, research organizations and their counterparts in other countries; invests in cooperative research projects with high commercial potential; and stimulates early-stage partnership development activity. In doing so, ISTPCanada develops new models of bilateral and multilateral collaboration that enhance Canada's competitiveness through the increased use of international research-based alliances, and helps to strengthen Canada's overall S&T, economic, trade and political relations with other nations. For additional information, please visit: www.istpcanada.ca.

FAPESP is a public foundation, funded by the taxpayer in the State of São Paulo, Brazil, with the mission to support research projects in higher education and research institutions, in all fields of knowledge. São Paulo has a population of forty million and generates 35% of Brazil's GNP. The stability of the funding and the autonomy of the foundation allow for an efficient management of the resources that has had a sizable impact: while São Paulo has 22% of the Brazilian population and 30% of the scientists with a doctorate in the country, the state responds for 52% of the country's scientific articles published in international journals. FAPESP expects to invest approximately US\$ 420 million in research projects in 2009. FAPESP supports more than ten thousand fellowships for undergraduate and graduate students and a sizable portfolio of exploratory academic research, mostly fundamental in nature. The foundation also supports application oriented research, in many cases performed in Small Businesses or jointly by academia and industry. For additional information, please visit: www.fapesp.br/.



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1 Priority Areas

This call is open to proposals in the following Canada-Brazil R&D collaboration priority areas:

- a) Information and Communications Technology (ICT); including Software
- b) Energy – specifically Renewable Energy and Fuel Cells
- c) Life Sciences – specifically Bio-Health and Medical Technology

2 Requirements

All project proposals submitted for this CFP must comply with the following requirements:

- a) The project must include participants from both Canada and the State of São Paulo, Brazil.
- b) There must be **at least one for-profit industry participant** from each of the countries involved in the project, each with the capacity to commercialize within 2 years of project completion.
- c) The São Paulo part of the project can be **led** by either:
 - i. A researcher(s) working for a small business (less than 100 employees)
 - ii. An academic researcher in association with a company of any size, according to the rules of the FAPESP PITE (Research Partnership for Innovation) Program.
- d) The application will be strengthened by the participation of academic and institutional researchers, and by including young researcher exchanges as a component of the R&D program.
- e) The project should:
 - i. Include R&D activities that lead to an innovation; and
 - ii. Demonstrate commercial viability. That is, a new product or process should result with near to medium-term commercial potential.
- f) A balance of contributions to the project must be seen between Canadian and Brazilian participants.
- g) The project duration should be up to 24 months. Projects longer than 24 months will not be considered.
- h) Participants should agree in advance on the IP rights, and on the commercialization strategy of the new product or process expected from the project.

Any research team whose proposed cooperative R&D project is consistent with the above criteria can apply to the present Call in accordance with the national rules, regulations and procedures in effect.



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3 Eligibility

3.1 Canadian Applicants

The Canadian lead participant **must be from a for-profit company** operated and headquartered in Canada. All other participants may be a researcher or manager from any of the following organizations whose operations are headquartered in Canada:

- a) Companies
- b) Academic institutions
- c) Other institutes or associations, including Research Hospitals

Subsidiaries of organizations headquartered and owned outside of Canada are normally not eligible for support. However, an **exception** can occur if ISTPCanada is satisfied that having the organization participate will result in a clear economic benefit to Canada.

Agencies of the Crown may be participants in activities funded by ISTPCanada. However, they are **not** eligible to be recipients of ISTPCanada funding. These agencies include but are not limited to:

- Crown corporations
- Government institutes
- Government laboratories

3.2 Brazilian Applicants

The Brazilian participants in the proposed project **must** be either:

- a) A researcher(s) working for a small business (less than 100 employees) established in the State of São Paulo, Brazil.
- b) An association, between academic researchers affiliated to a higher education or research institute in São Paulo, Brazil, **and**, industrial researchers from one or more companies of any size operated and headquartered in Brazil. In this case the application must be submitted by one of the academic researchers.



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4 Size of the Investment and Matching Funds

The Canadian and Brazilian participants in the R&D collaboration will be expected to make a balanced contribution to the project.

4.1 Contribution from Canada

Funding for successful Canadian teams from Canada is available from ISTPCanada subject to the terms and conditions of that organization.

- a) The ISTPCanada contribution to the Canadian project team will be limited to a maximum of 50% of the eligible costs with a limit of \$300,000 CDN.
- b) Canadian companies receiving an ISTPCanada contribution may be required to repay the contribution upon successful completion of the project and commercialization of the results. This requirement would be implemented if the Brazilian partner company is required to repay any funding it receives from FAPESP.
- c) In all cases, the portion of the project funding to the Canadian academic participant(s) will be given as a non-repayable grant.

4.2 Contribution from Brazil

Funding for successful Brazilian teams from the State of São Paulo, Brazil is available from FAPESP subject to the terms and conditions of that organization.

- a) The FAPESP contribution will be limited to a maximum of \$300,000 CDN for proposals submitted by a researcher(s) working for a small business (less than 100 employees) in the State of São Paulo, Brazil; or
- b) The FAPESP contribution will be limited to 50% of the eligible costs to a maximum of \$300,000 CDN for proposals submitted by an academic researcher(s) in association with a company of any size operated and headquartered in Brazil, according to the rules of the FAPESP PITE (Research Partnership for Innovation) Program.



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5 Submission and Evaluation of R&D Full Application

The Full Application Guidelines provide instructions on how to complete the R&D Full Application.

Only one (1) R&D Full Application should be jointly prepared by applicants in Canada and Brazil. For submission, one copy of the R&D Full Application should be submitted to ISTPCanada by the Canadian participant. A second copy of the R&D Full Application should be submitted to FAPESP by the Brazilian participant.

5.1 Application Submission

1. Canadian applicants must first email cfp_brazil@istpcanada.ca with the name of the Canadian and Brazil leads to get an Application Reference Number (e.g. CBRD09-*nnn*). This Number is to be shared with the Brazilian partner for their copy of the joint Full Application.
2. Canadian applicants can download the R&D Full Application and Full Application Guidelines at: http://www.istpcanada.ca/international_programs/Brazil/RDCollaboration/
3. Brazilian applicants can download the R&D Full Application and Full Application Guidelines at: <http://www.fapesp.br/materia/5379/>
4. Complete and submit an R&D Application:
 - For Canada and Brazil:
 - Jointly complete the R&D Full Application using the Full Application Guidelines.
 - The Full Application must be signed by the authorized person at the **lead** organization in both countries. Any additional participating organizations which do not sign the Full Application must attach a support email or letter to demonstrate their agreement to be a team member.
 - For Canada:
 - All documents may be completed in English or French.
 - Applicants are required to: **(on or before 5pm EST, November 13th, 2009):**
 - a) Submit 3 hard copies and a CD containing the completed and signed Full Application in word format to the following address (please ensure the Application Reference Number is listed on the cover of the Full Application):

ISTPCanada, 371A Richmond Road, 2nd Floor, Suite 4, Ottawa, ON, Canada, K2A 0E7

- b) Email the Full Application in word format to cfp_brazil@istpcanada.ca; quote the Application Reference Number in the Subject line.



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- For Brazil:
 - All documents may be completed in English or Portuguese.
 - In addition to the Full Application, FAPESP requires that applicants submit the following PIPE/PITE documents using the links below or at <http://www.fapesp.br/materia/5379/>:
 - a. Adequate FAPESP submission form: either the FAPESP-PITE form or FAPESP PIPE – Phase II form, according to the nature of the proposal.
 - b. FAPESP Researcher Information Form (Cadastro do Pesquisador).
 - c. Biosketch for the Principal Investigator and for each participating scientist.
 - d. FAPESP research team Form.
 - e. Requested Budget spreadsheets in forms downloaded from FAPESP site for PIPE or PITE, according to the nature of the proposal.
 - Applicants are required to: (**on or before 5pm EST, November 13th, 2009**):
 - a) Submit 3 hard copies and a CD containing the completed and signed Full Application (and necessary FAPESP forms) in word format to the following address (please ensure the Application Reference Number is listed on the cover of the Full Application):

Rua Pio XI 1500, 05468-901, Alto da Lapa, São Paulo, SP, Brazil

5.2 Application Evaluation and Selection

ISTPCanada and FAPESP will carry out expert evaluations of Full Applications that are received by the submission deadline. Successful projects will be selected jointly by ISTPCanada and FAPESP based on the Full Application Guidelines.

5.3 Award Notification

Canadian participants, whose applications have been selected, will be informed of the result and the amount of project funding by ISTPCanada. São Paulo participants will be informed of the result and the amount of funding by FAPESP.



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5.4 Project Funding

Canadian project leaders will be advised by ISTPCanada on the preparation of necessary administrative and legal instruments before project funds are released. São Paulo project leaders will be advised by FAPESP on the preparation of necessary administrative and legal instruments before the funds are released.

6 Important Dates

Please follow the schedule below when submitting an application:

- October 9: CFP opens
- November 13: Application submission deadline

7 Contact Information

For further information, please contact:

Canada	São Paulo, Brazil
Jamie Binder, Brazil Country Manager	Alexandre Roccatto
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