

Project Module

Leaders Opportunity Fund 2010: Funding for Research Infrastructure Alone (\$1M-\$2M)

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|--|--------------------|
| Date submitted (dd/mm/yyyy) : | Project no: |
| Project title: | |
| Language of application: | |
| <input checked="" type="checkbox"/> English <input type="checkbox"/> French | |
| Applicant institution: | |
| Designated Project Leader | |
| Name : | |
| Title/position: | |
| Department: Telephone: | |
| Email: | |
| Project Funding | |
| Total project cost: | |
| CFI Request (\$): | |
| CFI Request (%): | |
| Research discipline/field | |
| Primary: | |
| <i>Primary sub-discipline:</i> | |
| Secondary: | |
| <i>Secondary sub-discipline:</i> | |
| Tertiary: | |
| <i>Tertiary sub-discipline:</i> | |
| Area of application | |
| Primary: | |
| Secondary: | |
| Keywords: | |
| Signature of the applicant institution : It is agreed that the general conditions governing the partner contributions, and the use of CFI funds as outlined in the Institutional Agreement and the CFI Policy and Program Guide apply to the infrastructure project outlined in this application. These conditions are hereby accepted by the by the administering institution. | |
| Name: _____ Signature: _____ Date: _____ | |
| President/CEO of the institution (or authorized representative) | |

Applicant institution:

Project no:

Project title:

Project Summary

Approximately 7600 characters

Applicant institution:

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Integration with Institutional Strategic Research Plan

Criterion Standard:

The proposed project is of strategic importance to the institution. The institution has made, and will continue to make, tangible commitments in support of this area of strategic priority. These commitments are, or will be, of direct benefit to the proposed project, including the attraction and retention of the best researchers.

Each of the following aspects must be addressed:

1. Describe the tangible contributions the institution has made and will make to the current and ongoing needs of the proposed project.
2. Explain why this project is important to the fulfillment of the institution's strategic research plan.
3. Describe how the requested infrastructure will help attract or retain excellent researchers who will advance the university's strategic research objectives.

Approximately 7600 characters

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Quality of the Research or Technology Development

Criterion Standard:

The research opportunity is timely and has the potential to lead to breakthroughs in research or technology development. The proposed research or technology development is innovative and at the leading edge internationally.

Each of the following aspects must be addressed:

1. Describe the proposed research or technology development activity and the potentially transformative and innovative aspects of this endeavour.
2. Explain why it is important to pursue the proposed research or technology activity at this time.
3. Explain how the proposed research or technology development activity complements or differs from comparable research or technology development being conducted nationally and/or internationally.

Approximately 19 000 characters

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| Applicant institution: | Project no: |
| Project title: | |

Candidates

List the names of candidates essential to justify the project and who will share the infrastructure.

| Candidate (name and title) | Affiliation (department or faculty and institution) |
|---------------------------------------|--|
| | |

Applicant institution:

Project no:

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Researchers (Use of Infrastructure)

Criterion Standard:

The candidates are experts in the relevant research or technology development domain. The researchers have the expertise and experience to lead the proposed endeavour

Each of the following aspects must be addressed:

1. Demonstrate that the candidates are highly accomplished researchers who have shown excellence, creativity and leadership in the proposed research field or given the earlier stage of their career, have demonstrated potential for excellence and leadership in the proposed field(s), or are experts in technology development who have been recognized for their accomplishments. If any candidates are to be recruited, describe the recruitment plan.
2. Explain how the candidates will use the infrastructure to contribute to the proposed research or technology development.
3. If applicable, describe the existing or emerging collaboration and complementarity among the candidates.
4. Demonstrate that the candidates have the research or technical expertise to capitalize on the use of the requested infrastructure.

Approximately 7600 characters

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Need for the Infrastructure

Criterion Standard:

The infrastructure is essential and appropriate for the proposed activities.

Each of the following aspects must be addressed:

1. Explain why the requested infrastructure is appropriate for the proposed research or technology development.
2. Explain why the proposed research cannot be supported using existing infrastructure.
3. Describe the availability of similar infrastructure within the institution, the region, the country, and/or internationally and address any issues of accessibility, complementarity, duplication, and sharing.
4. Describe the added value of an additional award in cases where the candidates have previously received an award through the LOF, New Opportunities Fund, Canada Research Chairs Infrastructure Fund or Career Award. Specifically, the results and outcomes of the previous award must be highlighted.

Approximately 11 400 characters

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Management Plans

Criterion Standard:

The management plans provide for the optimal implementation, operation, and functionality of the infrastructure. The infrastructure requested will be managed effectively and efficiently, in keeping with the size and degree of complexity of the project.

Each of the following aspects must be addressed:

1. Describe the management structure to oversee the implementation, operation, functionality and sustainability of the infrastructure.
2. Address any issues of accessibility and availability, taking into account scientific and user priorities.
3. If applicable, describe any changes or modifications to existing plans as a result of the infrastructure being requested and the integration or linkage with existing infrastructure.

Approximately 7600 characters

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Operation and Maintenance Plans

Criterion Standard:

The plans for the optimal operation and maintenance of the proposed infrastructure for the first five years of operation are appropriate and realistic. They will allow for its sustainable usage as well as provide for future upgrade requirements.

Each of the following aspects must be addressed:

1. Describe the significant requirements to efficiently operate and maintain the infrastructure (e.g., personnel, utilities, supplies, upgrades, etc.).
2. Outline the sources of support for operation and maintenance costs and describe the contingency plans should any of this support be unavailable.

Approximately 7600 characters

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Training of Highly Qualified Personnel (HQP) Through Research

Criterion Standard:

The infrastructure requested will create or enrich a stimulating and innovative training environment that attracts high-quality trainees and imparts new high-level skills to HQP for research and other careers.

Each of the following aspects must be addressed:

1. Describe the benefits of the proposed infrastructure for research training and career development.
2. Outline the extent to which the proposed infrastructure will be accessed directly by research trainees.
3. Describe the impact of the proposed infrastructure on future training of HQP as well as the impact that not having access to the proposed infrastructure would have on training. Include an estimate of the number and type of HQP (e.g., undergraduate and graduate students, postdoctoral fellows, technicians, technologists, other trainees/students) to be trained.

Approximately 7600 characters

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Collaborations and Partnerships

Criterion Standard:

The infrastructure will further strengthen existing collaborations and partnerships and help create new ones where appropriate.

Each of the following aspects must be addressed:

1. Describe the nature of the existing and planned collaborations within and outside the institution, beyond those addressed in the "Researchers (Use of Infrastructure)" section, in terms of:
 - a) ensuring that the proposed research or technology development can be pursued successfully;
 - b) promoting synergies among research disciplines and sectors (public, private, NFP).
2. Outline the steps that have been taken, or that will be taken, to create or strengthen collaborations, partnerships, and/or networks.
3. Explain why the proposed infrastructure is essential to these collaborations or partnerships.

Approximately 5 000 characters

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Benefits to Canada

Criterion Standard:

The proposed research or technology development activities have the potential to lead to:

- improvements to society, quality of life, health and the environment, including the development of new practices and public policies; and/or
- improved economic activities through development of new products, services and/or technologies, greater resource efficiency and productivity, and job creation in strong or emerging areas of the Canadian economy.

Each of the following aspects must be addressed:

1. Describe the expected benefits to Canada, including why they are significant, how they will be realized, and the timeframe over which they are expected to be realized.
2. Describe the institution's plans to transfer the research results to potential users. Where appropriate, these should include plans for knowledge mobilization or transfer of technology and the commercialization of products, services and processes.
3. Demonstrate that the candidates have the skills and experience, or have identified relevant partners, to ensure the successful transfer of the research results..

Approximately 7600 characters

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Suggested Reviewers

The CFI reserves the right to make its own selection of reviewers.

REVIEWER 1

Name:

Institution/organization:

If "Foreign", please specify:

Country:

Email 1:

Email 2:

Telephone:

Fax:

Expertise keyword(s):

REVIEWER 2

Name:

Institution/organization:

If "Foreign", please specify:

Country:

Email 1:

Email 2:

Telephone:

Fax:

Expertise keyword(s):