

# International Consortium Project Proposal

## Canadian International Innovation Program (CIIP)

## Canada-South Korea 2023 Collaborative R&D Call for Proposals

Canada / National Research Council of Canada's Industrial Research Assistance Program (NRC IRAP)  
and South Korea / Korean Institute for Advancement of Technology (KIAT)

**Submission Deadline: June 13, 2023**

### **Canadian Submission Requirements:**

This document should be completed in consultation with your NRC IRAP Industrial Technology Advisor (ITA).

For an application to be considered complete all of the following documents must be submitted by email to:  
[IRAP.International.Forms-Formulaires.international.PARI@nrc-cnrc.gc.ca](mailto:IRAP.International.Forms-Formulaires.international.PARI@nrc-cnrc.gc.ca).

#### **1. PDF version of the fillable proposal form**

In order to maintain the background coding that allows for automatic data input into our database, we ask that you fill in this form using an Adobe pdf program.

#### **2. Draft consortium agreement**

Submit as a word or pdf document to the email above.

### **South Korean Submission Requirements:**

Please visit the [KIAT website](#) for information on the South Korean submission requirements.

**Please Note:** The use of Apple Preview may render some entered text invisible to the reader. It is highly suggested that an official Adobe product be used to open and complete the application.

### **Project Participants**

**Consortium  
Lead**

Name of Primary Canadian Participant:

Name of Primary South Korean Participant:

Additional Participant #1 (if applicable):

Additional Participant #2 (if applicable):

Submission Date:

# Section 1: General Information

1.1 Project Acronym (max. 20 characters)

1.2 Project Title (max. 150 characters)

1.3 Project Summary (max. 1000 characters)

1.4 Main Technological Areas

1.4.1 Technological Sector:

Sub-sector:

1.5 Project Date

Start Date:

End Date:

Duration (in months):

1.6 Estimated Participant Project Costs\*

Total project cost for a participant is the sum of all costs related to the project (salaries, overhead, contractors, travel, etc.) Percentage is the total project cost of the participant divided by the total project budget.

Proposal estimate costs are only requested for high-level evaluations of the proposal. Kindly note that the estimates provided will differ from the final budget, given the daily changes in exchange rates. If the proposal is selected for funding, detailed costs from Canadian and Korean applicants will be reviewed by their respective national funding body.

Organization Name	Total Project Cost (in \$CAN)	Total Project Cost (in ₩ KRW)	Percentage %
			%
			%
			%
			%
TOTAL PROJECT COST			%

\*(Exchange rate \$1 CAD = 954.3637 KRW / 1 KRW = \$0.001048 CAD)

## Section 2: Project Overview

### 2.1 Project Description and Objectives (max. 5000 characters)

**2.2** Describe how this project aligns with the sectors of focus of this call for proposal? (max. 2000 characters)

**2.3 High-Level Project Contribution per Work Package**

a) Briefly summarize the role of each partner in the project collaboration. (max. 3000 characters)

b) Work packages

Work Package	Realization Time (MM-YY – MM-YY)	Lead Participant	Description of the Work Package (max. 350 characters)
WP 1	to		
WP 2	to		
WP 3	to		
WP 4	to		
WP 5	to		
WP 6	to		
WP 7	to		
WP 8	to		
WP 9	to		
WP 10	to		

## **2.4 Equity, Diversity and Inclusion**

2.4.1 How are equity, diversity and inclusion incorporated into your proposed project delivery and outcomes? (750 characters)

Points to consider:

- your consideration of EDI in the development of your innovation
- how will your organization ensure that the expected project results are inclusive and accessible, in terms of future commercialization
- how you will create an inclusive project team and work environment for your project team and partners
- challenges or opportunities relating to EDI arising from your project and the methods and approaches used (governance, project team and advisory board, stakeholder and end-user engagement, design thinking, etc.)

The above question is part of our data gathering in support of a practical approach to EDI in selecting future international collaborative projects. Your response will be reviewed, but it will not be scored as part of the project selection process for this call. Please do not provide personal information on individuals or identifiable statistics on diversity within your organization.

## **2.5 Technological Development**

2.5.1 Describe what makes the technological innovation in this project state-of-the-art: (max. 1000 characters)

2.5.2 Describe the technological development(s) that will be developed through this project: (max. 1000 characters)

2.5.3 Describe the concrete results expected at the end of the project (new products, intellectual property, prototype, process, etc.): (max. 1000 characters)

## **2.6 Market and Competition**

2.6.1 Describe the target market(s): (max. 1000 characters)

2.6.2 What are the estimated market size and expected market share? (max. 1000 characters)

2.6.3 Describe the positioning of the project partners in the market(s): (max. 1000 characters)

2.6.4 What is the status of the competition in the market(s)? (max. 1000 characters)

## 2.7 Risk Management

2.7.1 What are the main technological risks associated with this project (e.g. technical, financial, business, market, commercialization, IP protection, ethical, etc.)? Briefly describe the mitigation strategy associated with these risks.

Risk Description	Probability	Impact	Mitigation Strategy (max. 350 characters)

Note that the **mitigation strategies**, not level of risk, will be assessed. The amount of detail provided for each mitigation strategy should be relative to the level of risk.



## Section 3: Canadian Participant

### 3.1 Organization Name:

### 3.2 Business Number:

### 3.3 Organization Address

Street N° and Name:

City:

Province:

Postal Code:

Telephone:

### 3.4 Contact Person

Last Name:

First Name:

Job Title:

Telephone:

Email:

### 3.5 Website:

### 3.6 Organization Information

Type of Organization:

# of Employees:

Project Budget:

IRAP Funding Request:

Annual Sales in CAD:

in KRW:

Total Assets in CAD:

in KRW:

Latest Annual Report Year:

Incorporation Date:

### 3.7 Project Contribution

3.7.1 Provide a short description of your organization: (max. 500 characters)

3.7.2 What unique technological and/or scientific contribution does your organization bring to the project?  
(max. 1000 characters)

3.7.3 What is your organization's goal in participating in the project? (max. 1000 characters)

### **3.8 Expertise**

3.8.1 Describe your organization's expertise and core business: (max. 1000 characters)

3.8.2 What is the total number of full-time equivalent (FTE) employees occupied with R&D in your organization?  
(max. 1000 characters)

3.8.3 Describe your organization's expertise with regard to project management: (max. 1000 characters)

### **3.9 Expected Economic Impact**

3.9.1 What is the expected employment growth within your organization as a result of this project (number of employees and % growth in 5 years after completion of the project)? (max. 1000 characters)

3.9.2 What is the expected impact of the project (annual revenue growth in the 5 years after completion of the project, in \$ and year-over-year %)? (max. 1000 characters)

### **3.10 Financial and Non-Financial Resource Capacity**

3.10.1 Does your company have sufficient working capital to finance your share of this project? Indicate your company's primary sources of working capital (e.g. sales revenue, government funding, equity financing, debt financing, other) and the amount of funds (including contingency plans) available to contribute to the project (max. 2000 characters).

3.10.2 Describe the non-financial resources your organization has at its disposal to contribute to this project (e.g. type and number of staff, facilities, equipment, key partners, other) (max. 2000 characters).

## Attestation

I hereby certify that I am the designated employee authorized to provide the requested information on behalf of my organization and declare:

- My organization will co-operate on the project as described in this form and intends to put in place, or has already signed a formal cooperation agreement with the project partner(s).
- All information provided by my organization in this application is complete, accurate, correct, has been approved by appropriate internal financial and scientific authorities and we are not withholding any information that may materially affect the proposal.
- It is understood that submission of this proposal is not a guarantee of funding approval.

**By clicking this checkbox, I am confirming that I have read and agree with the above statement.**

First and Last Name:

Position Title:

Organization Name:

Date:

## Section 4: South Korean Participant

### 4.1 Organization Name:

### 4.2 Organization Address

Street N° and Name:

City:

Province:

Postal Code:

Telephone:

### 4.3 Contact Person

Last Name:

First Name:

Job Title:

Telephone:

Email:

### 4.4 Website:

### 4.5 Organization Information

Type of Organization:

# of Employees:

Project Budget:

Funding Request:

Annual Sales in CAD:

in KRW:

Total Assets in CAD:

in KRW:

Latest Annual Report Year:

Incorporation Date:

### 4.6 Project Contribution

4.6.1 Provide a short description of your organization: (max. 500 characters)

4.6.2 What unique technological and/or scientific contribution does your organization bring to the project?  
(max. 1000 characters)

4.6.3 What is your organization's goal in participating in the project? (max. 1000 characters)

#### **4.7 Expertise**

4.7.1 Describe your organization's expertise and core business: (max. 1000 characters)

4.7.2 What is the total number of full-time equivalent (FTE) employees occupied with R&D in your organization?  
(max. 1000 characters)

4.7.3 Describe your organization's expertise with regard to project management: (max. 1000 characters)

#### **4.8 Expected Economic Impact**

4.8.1 What is the expected employment growth within your organization as a result of this project (number of employees and % growth in 5 years after completion of the project)? (max. 1000 characters)

4.8.2 What is the expected impact of the project (annual revenue growth in the 5 years after completion of the project, in \$ and year-over-year %)? (max. 1000 characters)

#### **4.9 Financial and Non-Financial Resource Capacity**

4.9.1 Does your company have sufficient working capital to finance your share of this project? Indicate your company's primary sources of working capital (e.g. sales revenue, government funding, equity financing, debt financing, other) and the amount of funds (including contingency plans) available to contribute to the project (max. 2000 characters).

4.9.2 Describe the non-financial resources your organization has at its disposal to contribute to this project (e.g. type and number of staff, facilities, equipment, key partners, other) (max. 2000 characters).

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**By clicking this checkbox, I am confirming that I have read and agree with the above statement.**

First and Last Name:

Position Title:

Organization Name:

Date:



## Section 5: Additional Participant #1

### 5.1 Organization Name:

### 5.2 Organization Address

Street N° and Name:

City:

Province:

Postal Code:

Country:

Telephone

### 5.3 Contact Person

Last Name:

First Name:

Job Title:

Telephone:

Email:

### 5.4 Website:

### 5.5 Organization Information

Type of Organization:

# of Employees:

Project Budget (CAD):

Project Budget (KRW):

### 5.6 Project Contribution

5.6.1 Provide a short description of your organization: (max. 500 characters)

5.6.2 What unique technological and/or scientific contribution does your organization bring to the project?  
(max. 1000 characters)

5.6.3 What is the role of your organization in the project? (max. 1000 characters)

5.6.4 What is your organization's goal in participating in the project? (max. 1000 characters)

**5.7 Expertise**

5.7.1 Describe your organization's expertise and core business: (max. 1000 characters)

5.7.2 What is the total number of full-time equivalent (FTE) employees occupied with R&D in your organization?  
(max. 1000 characters)

5.7.3 Describe your organization's expertise with regard to project management: (max. 1000 characters)

## **5.8 Expected Economic Impact**

5.8.1 What is the expected employment growth within your organization as a result of this project (number of employees and % growth in 5 years after completion of the project)? (max 1000 characters)

5.8.2 What is the expected impact of the project (annual revenue growth in the 5 years after completion of the project, in \$ and year-over-year %)? (max 1000 characters)

## 5.9 Financial and Non-Financial Resource Capacity

5.9.1 Does your company have sufficient working capital to finance your share of this project? Indicate your company's primary sources of working capital (e.g. sales revenue, government funding, equity financing, debt financing, other) and the amount of funds (including contingency plans) available to contribute to the project (max. 2000 characters).

5.9.2 Describe the non-financial resources your organization has at its disposal to contribute to this project (e.g. type and number of staff, facilities, equipment, key partners, other) (max 2000 characters).

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First and Last Name:

Position Title:

Organization Name:

Date:

## Section 6: Additional Participant #2

### 6.1 Organization Name:

### 6.2 Organization Address

Street N° and Name:

City:

Province:

Postal Code:

Country:

Telephone:

### 6.3 Contact Person

Last Name:

First Name:

Job Title:

Telephone:

Email:

### 6.4 Website:

### 6.5 Organization Information

Type of Organization:

# of Employees:

Project Budget (CAD):

Project Budget (KRW):

### 6.6 Project Contribution

6.6.1 Provide a short description of your organization: (max. 500 characters)

6.6.2 What unique technological and/or scientific contribution does your organization bring to the project?  
(max. 1000 characters)

6.6.3 What is the role of your organization in the project? (max 1000 characters)

6.6.4 What is your organization's goal in participating in the project? (max. 1000 characters)

## **6.7 Expertise**

6.7.1 Describe your organization's expertise and core business: (max. 1000 characters)

6.7.2 What is the total number of full-time equivalent (FTE) employees occupied with R&D in your organization?  
(max. 1000 characters)

6.7.3 Describe your organization's expertise with regard to project management: (max. 1000 characters)

**6.8 Expected Economic Impact**

6.8.2 What is the expected employment growth within your organization as a result of this project (number of employees and % growth in 5 years after completion of the project)? (max 1000 characters)

6.8.3 What is the expected impact of the project (annual revenue growth in the 5 years after completion of the project, in \$ and year-over-year %)? (max 1000 characters)

## 6.9 Financial and Non-Financial Resource Capacity

6.9.1 Does your company have sufficient working capital to finance your share of this project? Indicate your company's primary sources of working capital (e.g. sales revenue, government funding, equity financing, debt financing, other) and the amount of funds (including contingency plans) available to contribute to the project (max. 2000 characters).

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Date: