**SIIRD R&D Project Proposal**

The SIIRD R&D Program aims to support Israeli and Singapore companies looking to co-develop innovative products or technologies for commercialization purposes. The project's joint development should generate new IP and technological assets.

The maximum duration of a R&D project is 2 years. SIIRD may co-fund a maximum of **USD 1,500,000 or 50% of the total project cost**, whichever is lower.

**Applications for R&D Projects are open twice a year. The exact dates will be published on the** [**SIIRD website**](https://www.siird.com) **and on IIA’s and EnterpriseSG’s websites respectively**

|  |  |
| --- | --- |
| **R&D Project** | |
| **Project Objectives** | To create or enhance a product or technology that can be commercialized |
| **Supported Sector(s)** | All (except defense) |
| **Recommended Project TRL** | 5 – 6 |
| **Maximum Project Term** | 24 months |
| **Total Co-funding Level** | Up to 50% of the total project cost or up to US$1.5M, whichever is lower |
| **Consortium Requirements** | 1 Israeli Industrial Corporation + 1 Singapore Business Entity |
| **Involvement of Academia** | Academia as subcontractors up to 20% of the total budget (optional) |
| **Royalties** | For Israeli applicants: in compliance with IIA Rules  For Singapore applicants: N/A |
| **Other Conditions and Eligibility Criteria** | For Israeli applicants: in compliance with IIA Rules  For Singapore applicants: in compliance with EnterpriseSG Guidelines for Co-Innovation Programmes |

**Application Details**

|  |  |  |
| --- | --- | --- |
| **PROJECT TITLE** |  | |
| ESTIMATED START DATE OF PROJECT[[1]](#footnote-1) |  | |
| Project Type | R&D | |
| Project Duration | X months | |
| Total Project Budget ($)[[2]](#footnote-2) |  | |
|  |  | |
|  | Singapore company | Israeli company |
| Company Name |  |  |
| Company Registration No. |  |  |
| Company Website |  |  |
| Contact Person |  |  |
| Position/Designation |  |  |
| Email |  |  |
| Phone Number |  |  |
| Previous SIIRD Project | Yes/No | Yes/No |

|  |  |  |  |
| --- | --- | --- | --- |
| **Submitted by:** | **Singapore Project Lead (SGPL)** |  | **Israeli Project Lead (ISPL)** |
|  |  |  |  |
|  | **(Singapore Company Name)** |  | **(Israeli Company Name)** |
| **Authorized**  **Company Official:**  **(C-suite representative)\*** |  |  |  |
| **(Name & Title)** |  | **(Name & Title)** |

1. **PARTICIPANTS’ CONTRIBUTIONS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Company Name | Country | Main Role of Participant | Budget (SGD/ILS) | Contribution (%) | Duration (Months) |
|  | Singapore |  |  |  |  |
|  | Israel |  |  |  |  |
| **Total in US $:** | | |  |  |  |

1. **EXECUTIVE SUMMARY OF PROJECT**
   1. Objectives of the Joint R&D Project (please provide your response in clear and concise statements).
   2. Proof of Concept/Maturity of the Concept proposed
   3. Brief Scope of Work
   4. Background Motivation & Competency of the Project Partners
   5. Measurable Outcomes
   6. Synergy between Project Partners
2. **APPLICANT INFORMATION**
   1. Detailed Company Profiles

|  |  |  |
| --- | --- | --- |
| Company Name |  |  |
| Country | Singapore | Israel |
| Year Established |  |  |
| Company Description |  |  |
| Core Competencies |  |  |
| Main Products/Technologies |  |  |
| CUSTOMERS  *(****This section refers to paying customers only.***  *For companies – to indicate top 3 customers.* |  |  |
| TOP 3 R&D PARTNERS IN OTHER PROJECTS  *(Involvement in this project cannot be considered)* |  |  |
| REVENUES MOST RECENT FISCAL YEAR\* (US$)  *(to refrain from including grants received)* | SGD | NIS |
| No. of Employees (Excluding personnel based in overseas offices) |  |  |
| No. of R&D Employees  (Excluding personnel based in overseas offices) |  |  |
| Location of overseas office |  |  |

* 1. Key Roles and Responsibilities of Each Partner and Subcontractor (if any)
  2. Company Strengths/Area of Expertise of Each Partner

*References, information on previous or ongoing projects*

*Details of existing patents held by project partners or any subcontractors*

* 1. Project Team

*List all the project members, including their designation, and the respective consultants and subcontractors, and describe what their responsibilities in the project are.*

* 1. Existing Manufacturing/Testing Facility

*Details of Existing Equipment Manufacturing/Testing facility relevant for this project.*

1. **PROPOSED INNOVATION** 
   1. Background Motivation

*Justify the need for the proposed project/innovation in the target market*

* 1. Project Description

*Details of the project idea; describe the product/technology/service that you intend to jointly develop. Give a detailed description of the product’s functions/features and the way it works (elaborate with schematic diagrams).*

* 1. Proposed Innovation
* *Specify and explain the degree of innovation and Technology Readiness Level (TRL) of your proposed project in the context of the current technologies available in the market -Try to highlight the uniqueness or differentiation of the proposed product compared to existing solutions/products.*
* *Describe the competitive advantages and novelty of the proposed product.*
* *If the product is an improvement/upgrade from an existing product of the participating companies, describe the differences between the existing product and the proposed product.*
  1. Proof of Concept

*Provide the necessary details of any Proof of Concept for taking up this proposed project.*

*Details of Existing Patents held by SGPL/ISPL or any sub-contractors.*

* 1. Technical Challenges & Mitigations
* *Possible technical challenges involved in the proposed project.*
* *Describe how the companies plan to overcome or mitigate these challenges, technological gaps, and barriers to success.*

1. **PROJECT PLAN**

|  |  |
| --- | --- |
| **COMPANY** | **TASKS** |
| \_\_\_\_\_\_\_\_\_\_  *(Israeli Company)*  *(List the top 5 tasks for the project team)* |  |
| \_\_\_\_\_\_\_\_\_\_  *(Singapore Company)*  *(List the top 5 tasks for the project team)* |  |
| JOINT  *(List the main joint tasks of both companies)* |  |
| ISRAEL SUBCON /  CONSULTANT *(if any)* |  |
| SINGAPORE SUBCON /  CONSULTANT *(if any)* |  |
| BETA PARTNER  *(For planned beta trials, they must be included in the R&D programme. Written correspondence (email, LOI) from potential beta partners should also be included).* |  |

1. **COOPERATION**
   1. Previous Relationship Between Partners (if any)
   2. IP Sharing

*Expected IP to be generated through this proposed project.*

*The IP sharing agreement between project partners should be as reflected in the LOI/draft MOU.*

* 1. Commercial Agreement

*Summary of the commercial agreement between project partners as reflected in the LOI/draft MOU.*

1. **MARKET & COMMERCIALIZATION**
   1. Target Market

*Describe the potential market targeted through the proposed project.*

* 1. Target Geographies
  2. Market Feedback/Testing

*Summary of the market research conducted by the project partners.*

*Details of any survey/test performed with potential customers/end users.*

*Proof of interest shown by any potential customer.*

* 1. Size of Potential Market (US$M) & Growth Potential (%)

*Please include supporting information substantiating the information, e.g. 3rd party reports, in the Annexes section of the proposal. If there is existing interest in the product from potential customers, please also provide written proof in the Annexes section)*

* 1. Target Market Share (by year)
  2. Role of Each Partner in the Commercialization Plan
  3. Business Model & Commercialization Plan

*Share the proposed approach for acquiring the estimated market.*

*Please include - a customer engagement plan, management plan for mass production and supply chain, Product costing, sales projections, ROI (Return on Investment), and the Project partners' abilities to access local and global markets.*

* 1. Certifications or Regulatory Standards Required for Commercialization (if any)

*(E.g. FDA approval, ISO certification)*

* 1. Planned Joint Commercialization Activities
  2. Proposed System and Pricing

*(E.g. price per unit, subscription fee per X months/years, etc.)*

* 1. Revenue Forecast
* Revenue forecast:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *(Israeli Company)* estimates revenues of \_\_\_ in the first

year (20\_) and cumulative revenues of \_\_\_by the sixth year (20\_)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *(Singapore Company)* estimates revenues of \_\_\_ in the first

year (20\_) and cumulative revenues of \_\_\_by the sixth year (20\_)

**VIII** **COMPETITOR ANALYSIS**

Using the table template below, provide a comparison of the proposed product to the competitors’ products in terms of performance (functions, features, etc.) and price.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Competitor Name | Country | Name of Product | Price (US$) | Market Share (%) | Strength/Weakness |
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1. **PROJECT MANAGEMENT PLAN**

Please provide a Gantt chart showing the detailed list of key tasks to be completed during the project, along with the allocation of tasks between the two companies (i.e. whether each task is led by the Israeli Company, Singapore Company, or jointly undertaken by both). For this, you may make use of the template provided below and submit either a screenshot of the Gantt chart or a filled Excel file embedded within this document.



1. **BUDGET**

*Please prepare the full project budget for each company using the respective templates downloadable from the IIA’s and EnterpriseSG’s websites and submit your project budget to your respective agencies.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Source of Exchange Rate:** OANDA / XE  *(please select ONLY either one of these)* | | | |
| **Date of Exchange Rate:** DD MMM YYYY | | | |
| **Israeli Company** | | **Singapore Company** | |
| Exchange Rate: | 1 ILS = \_\_\_\_ USD | Exchange Rate: | 1 SGD = \_\_\_\_ USD |
| Total Budget (ILS): |  | Total Budget (SGD): |  |
| Total Budget (USD): |  | Total Budget (USD): |  |
| **TOTAL PROJECT BUDGET (USD):**  *(Sum of Israeli Company’s project budget and Singapore Company’s project budget)* | | |  |

**ANNEXES**

1. It is recommended to consult the SIIRD team regarding the project start date as an SIIRD project can start only from the date of approval by the Governing Board of the Fund. [↑](#footnote-ref-1)
2. Total Project Budget is the total cost of the project for both companies. It must be equal to the sum of the companies’ budgets submitted with the application.

   3 The Project proposal must be submitted jointly and signed by a C-suite member, Managing Director, General Manager, or equivalent level representative.

   4 The final R&D project proposal should be kept to up to 70 pages. [↑](#footnote-ref-2)