MALAYSIA-SPAIN JOINT CALL FOR R&D&I PROJECTS 2019

MIGHT-CDTI 1st CALL FOR PROPOSALS UNDER MYSIP – MALAYSIA-SPAIN INNOVATING PROGRAMME

On May 31st, 2016 a Joint Programme for Co-operation was established by the Malaysian Industry Government Group for High Technology (MIGHT) and the Centre for the Development of Industrial Technology, E.P.E. (CDTI), to promote and fund market - driven research and technology development as well as to encourage partnerships and business-led R&D&I collaborative projects between entities from both countries. Within this Programme, CDTI and MIGHT agree to launch joint calls for proposals.

This call for proposals aims to launch ambitious joint R&D projects of a high international standard between Malaysian and Spanish organizations. Potential projects will be funded by MIGHT, Ministry of Education in Malaysia and CDTI in Spain.

CALL GUIDELINES:

1) NODAL IMPLEMENTING AGENCIES

Malaysian Industry Government Group for High Technology (MIGHT) and the Centre for the Development of Industrial Technology E.P.E. (CDTI), Ministry of Science, Innovation and Universities, Government of Spain, are the nodal implementing agencies from Malaysia and Spanish sides, respectively.

Malaysian Industry Government Group for High Technology (MIGHT) is an agency under the purview of the Prime Minister Department of Malaysia in charge of the development of the high technology industry. Its key role is building and driving partnerships in technology through a consensus building platform between the private and public sector and providing strategic advice and alliances to shape high technology studies, capacity building through policy interventions as well as flagship programmes and strategies for the country.

On the Malaysian side, the Department of Higher Education (DOHE), a government agency under the Ministry of Education (MOE) overseeing higher education matters in Malaysia has decided to join in as additional funding agency. Higher education institutions under the purview of DOHE are public universities and private higher education institutions. DOHE is the key agency responsible in developing policy and programmes in pushing the Malaysian higher education excellence. DOHE is also responsible in strategising and realising the initiative to strengthen Malaysia's research

capacity through various programmes. Since 2007, DOHE has introduced programmes to develop and strengthen research foundation in Malaysia. DOHE is now pursuing international collaboration to intensify research and innovation.

The CDTI is a Public Entity under the Ministry of Science, Innovation and Universities, Government of Spain, which fosters the technological development and innovation of Spanish Companies.

2) THEMATIC AREAS

This Call for proposals is open to collaborative R&D projects in the following thematic areas:

SUSTAINABLE CITY DEVELOPMENT:

- Smart Cities (sustainable cities and transport networks, smart grids): smart energy systems, building and space sustainability, intelligent transport and mobility, societal challenges - inclusion, education, health, tourism, etc - electronic, open and participatory government.
- Access to safe, affordable, and sustainable housing, transportation and basic services;
- Integrated technologies towards inclusion, resource efficiency, mitigation and adaptation to climate change and resilience to disasters;
- Cyber Security, Smart / Intelligent Solutions for smart city management, smart community development.

KNOWLEDGE BASED ECONOMY (k-Economy):

- Waste to Wealth - reduce adverse environmental impact of cities, paying special attention to the quality of municipal and other waste management; innovative business models and or technologies on products / processes / services of recycled and or by products, innovative technologies / solutions on waste separation, etc.

ADVANCED MANUFACTURING AND MATERIALS:

- New and enhanced processes to manufacture existing products; design and manufacture of new products through the development and adoption of advanced technologies, materials, management systems and processes; servisitation of products and life cycle management.

3) TYPE OF PROPOSALS

Industry-driven and market-oriented R&D projects, joint technological co-operation projects between companies, research organizations, academia in Malaysia and industrial partners (start-ups, SMEs and large companies), in Spain consisting in the development or substantial improvement of new products, processes or services will be considered.

Project Duration: 2 years.

The proposals must cover the thematic areas mentioned in point 2 to enhance bi-regional co-operation and develop new partnerships as well as strengthen existing one

TIMELINE

- Launch of Call for Proposals: 21th October 2019
- Deadline for Submission of completed applications: 19th March 2020
- Eligibility feedback to applicants: 24th March 2020
- Label concession (estimated): September 2020

4) WHO CAN APPLY?

Eligible Spanish Applicants

Spanish consortia should include at least one company. Participation of research institutes/universities and other organizations is welcome as self-funded participants or subcontractors.

Eligible Malaysian Applicants

Projects can be either business or research organization-led, but must involve a Malaysia business of any size and/or involve a Malaysia research organization / academia and collaborate with a Spain business and Spain research organization.

Key Malaysian academic eligibility criteria include:
• Research Organisations (ROs) eligible to apply are Public Universities. Researchers based in other ROs can be a Co-Investigator but not eligible to apply as a Principal Investigator.
• The Malaysian PI must have been awarded a doctorate at the time of application. Applicants working towards a PhD or awaiting the outcome of their viva/submission of corrections are not eligible to apply.
• Applicants must be Malaysian citizens and hold a permanent or fixed-term contract in an eligible university or higher learning institute in Malaysia. Applicants with fixed terms

contracts finishing before their grant end-date must secure confirmation from their RO stating that their contract will be extended to cover the duration of the award if their application is successful.

• Contact between the Malaysian PI and other collaborators prior to the application is essential. This contact should lead to a clearly defined and mutually beneficial project proposal. Please note that MOE will not assist in locating external collaborators.

• The Malaysian applicant's employing organisation must be willing to agree to administer the grant.

5) HOW TO APPLY?

First stage - Common International phase:

- Joint R&D&I proposals must be submitted to CDTI and MIGHT, by 19th March2020 in order to consider the eligibility. Unilaterally submitted proposals shall not be considered.

  In Spain the participants will have to submit a formal R&D international project application through CDT's website (https://sede.cdti.gob.es/).

  In Malaysia, submission of proposal can be done through MIGHT's website (https://www.might.org.my/).

  Documents Required:

- Malaysian and Spanish co-applicants must elaborate a single project proposal application (Annex 1 – **Application Form**). The Bilateral Co-operation Form must emphasize how the proposed collaboration adds value, main technology highlights and innovations, activities to be developed by the Parties involved underlining the collaborative work being carried out on each side, their expertise, etc.

  Please note that this Application Form must be sealed and signed by all co-applicants at the end of the document, expressly indicating name and designation of the authorized signatory in the organisation. Any other relevant information not expressly mentioned on the form and that the applicants consider relevant may be included as Annexes.

- In addition to the Application Form, co-applicants have to submit the following documents as relevant appendices:
  - **Consortium Agreement** in English whereby the co-applicants should agree upon the ownership, access rights and exploitation of intellectual property generated during the co-operation, to be submitted to CDTI and MiGHT. The Consortium Agreement needs to be sealed and signed by all co-applicants.

  - **Additional specific documents required by MIGHT:**

- MOA Form 9, as proof the business is registered with Companies Commission of Malaysia.

- **Additional specific documents required by CDTI**
- **Additional specific documents required by DOHE (Cost Proforma) & MIGHT**

Second Stage - National level

Only those proposals which have positive eligibility by CDTI and MIGHT are allowed to submit the individual R&D&I proposal in its own language established by each agency.

- The funding Proposal required by MIGHT:

  Projects must be collaborative, containing at least 1 business from both Malaysia and Spain, due to their bi-lateral nature, projects should demonstrate equivalence in effort from the Malaysian and Spanish partners. The proposal should have one common work plan with both the Malaysian and Spanish partners having key roles and responsibilities, equating to the equivalent time and costs accrued in both countries. The proposal and other supporting documents in English language must be submitted on 24 January 2020 through the website link at (https://www.might.org.my/).

- The funding Proposal in Spanish required by CDTI:

  Only industrial partners, individually, are able to summit the funding proposal and other required documents through the electronic services at https://sede.cdti.gob.es/AreaPublica/home.aspx . Application must be submitted within 20 working days after receiving the communication of eligibility. The complete details of the Call are available on MIGHT's and CDTI's websites: https://www.might.org.my/ and http://www.cdti.es .

Applicants are recommended to contact the nodal representatives at their national funding organizations whose contact details are given below:

Malaysian side (MIGHT)

Mrs. Ida Semurni Abdullah Ali

Malaysian Industry Government Group for High Technology (MIGHT)

E-mail: idasemurni@might.org.my

Website: www.might.org.my

Malaysian side (MOE)

Mrs. Siti Fazlina Mohd Sani

Department of Higher Education

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Ms. Nor Amira Farhana Ahmad Zailani

Department of Higher Education

E-mail: amira.zailani@moe.gov.my

Spanish side (CDTI)

Mr. Ricardo Rubianes

Unit of Foreign Technological Action
Centre for the Development of Industrial Technology - CDTI

Address: Cid 4 – 28001 Madrid, Spain

Phone: +34 91 581 04 89

Mr. Adrián Gutiérrez

Delegation of CDTI to India and Southeast Asia
Centre for the Development of Industrial Technology - CDTI

Address: Embassy of Spain in New Delhi, India. 12 Prithviraj Road, New Delhi – 110 011, Delhi, India

Phone: +91 11 4129 3000

E-mail: malasia@cdti.es

Website: www.cdti.es

6) ELIGIBLE COSTS AND FUNDING

The project must clearly specify the costs of each and all the activities pertaining to the project and specify the costs to be respectively borne by the Spanish and Malaysian partners. The cost of the Malaysian and Spanish partners must be eligible under the laws that may be applicable in each country and under internal regulations of CDTI and MIGHT, respectively.

The funding conditions from MIGHT are set in MYR and the ones from CDTI in €. Budgets must be expressed in the local currency of each applicant. All figures and budgetary conditions in this Call refer to the value of both currencies on the date of the launch of the Call.

None of the countries´ budget (namely the budget of its entities participating in the proposal) can have more than 70% of the global budget.

The Spanish company will be funded according to the International Technological Cooperation Projects' conditions identified on CDTI's website. CDTI can only provide funding to Spanish companies subject to budget availability.

MIGHT will fund 1 project for each thematic area, with MYR500,000.00 for each project which is equivalent to €106,120.00. The funding for your eligible project cost would be:

- up to 70% if you are a micro or small business
- up to 60% if you are a medium-sized business
- up to 50% if you are a large business

As for the collaborators from the academia, MOE will fund up to MYR500,000.00 for each project. Malaysian academics will be funded according to MOE funding guidance in Annex 1.

MIGHT and MOE will fund the Malaysian partners while CDTI will fund the Spanish partners.

7) REVIEW PROCESS AND EVALUATION

All received proposals are peer reviewed and processed independently by both sides. After having received the recommendations of the respective evaluation panels, MIGHT, MOE and CDTI will jointly arrive at a mutual understanding on the projects to be funded.

8) EVALUATION CRITERIA

The evaluation criteria are the following:

- Crucial Criteria
  - Financial capacity of Partner
  - Formal Agreement between Partners

- Basic Assessment Criteria
  - Partnership and Partners
    - Well balanced partnership
    - Added Value through co-operation
    - Technology Capacity of all Partners
    - Managerial Capacity of all Partners
  - Project Structure
    - Methodology and Planning Approach
    - Milestones and deliverables
    - Cost and financing structure
    - Financing commitment of each Partner

- Technology and Innovation
  - Technological Advance
    - Degree of technological maturity and risk
    - Technological Achievements
  - Innovation
    - Degree of innovation
    - Geographical / sector impact

- Market and Competitiveness
  - Market and profitability
    - Market size
    - Market access and risk
    - Return on investment
  - Competitive advantages
    - Strategic importance of the project
    - Enhanced capabilities and visibility

9) FUNDING DECISIONS

MIGHT/DOHE and CDTI will, after having formed their mutual understanding on the projects to be funded, make their funding decisions according to their normal procedures and rules and on a non-exchange of funds basis. CDTI and MIGHT/DOHE will inform the beneficiaries about the funding decisions according to their normal practice.

10) REPORTING AND PROJECT OUTPUT

Funding granted by MIGHT/DOHE and CDTI will be governed by the general terms and conditions of each funding organization, respectively. Both parties will carry out an international follow-up until the completion of the projects and inform the counterpart about the success or failure of the international cooperation at the end of the project.

If required, each participant should submit financial and technical reports to their national funding organisations, according to national regulations. The progress and final results of each individual contract/letter of grant will be monitored by the respective national funding organisations.