

**Search for a Spanish Partner for a
Bilateral R&D Project (this document will be shared with potential Spanish
companies)**

| Organization | |
|---|--|
| Date of Request: | November 30 , 2020 |
| Company name: | Microhard – for Technological Development |
| Contact person and title/ designation: | Sayed Hashem Hassan |
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SECTION 1: Your Company Profile

(Please give brief / to the point explanations. For more explanation on any point below, you may add a short paragraph as an annexure, with this document.)

| | |
|--|--|
| Business Sector | Technological Development |
| Company mission or core functions | Ai Development (Web & Mobile Applications) |
| Date of establishment | Year of 2000 |
| Ownership (if public and traded, add stock exchange and ticker symbol) | MicroHard INT |
| Total number of employees | 18 |
| Number of employees in R&D | 8 |
| Key products sold or services provided | Web. And mobile Applications & We offer technical Support and Maintenance. |
| Company core technical competences | Uber Hantoor For Luxor & Aswan |
| Key R&D programs and activities | CDTI |
| Examples of accomplishments | 1n 2012: TQM ERA Award & (2012&2013&2014&2015 = MSE) 2014 SPIG |

Company strategic orientation

Develop and Establish the Website's and Mobile Application

In Egypt, small and medium poultry farms produce more than 60% of total national production. About 47 thousand licensed farms, their problems are: guidance (How and from where: establishing the poultry house - the chick, the fodder, the treatment sources, and early diagnosis to avoid losses). From here, the idea of an electronic platform with a mobile application originated in order to solve the problems of the farmers while it is attainable by participation at nominal costs. The smart poultry clinic is an online platform for poultry breeders (small and medium producers) as well as mass producing farms. This project is aiming to design an electronic platform to be followed by the Mobil application. The platform also provides an early diagnosis of poultry diseases. Moreover, the clinic aims to provide services to the breeders from the establishment of the chicken house and its needs in terms of Drinking lines, feeders, ventilation, cooling, lighting and heating devices. As well as the basic materials from the first procurement of the chick, feed, concentrates, medicines and vaccination programs. The platform also provides sales or slaughterhouse services. It also provides the facility to get rid of the litter during or after the end of the production cycle. The platform takes care of all types of poultry (chickens, ducks, geese, turkeys, pigeons, quail and ostriches) in all production stages (hatching, fattening, laying and parent flocks). This platform will contain a database of chick producing companies and distribution centers in the Arab Republic of Egypt, various feed factories and pharmaceutical companies. It will also contain a database of the markets, traders and slaughterhouses. This platform includes the possibility of conducting early detection of diseases through the supervision of professors specialized in the poultry diseases field. That is by the ability to send a picture or video of the affected birds and track the diagnosis with the specialists who will provide treatment solutions; this early diagnosis will save a lot of time and money. The mobile application will be available to subscribers of the platform at a reasonable price and will ensure that all questions will be answered and all problems of breeding, treatment and marketing will be provided. When this mobile application is implemented, many problems of poultry farmers will be solved. In addition to the direct benefit of poultry producers, this project has a return on the national economy for its effective provision in production costs, which leads to the availability of poultry at affordable prices to the consumers.

SECTION 2: Partner of Interest

(Please provide a brief summary of the prospective partner company or organization. This summary may address some or all of the points below)

| | |
|--|------------------------|
| Profile of ideal technology partner | Ai Development Company |
| Core technological competencies and expertise | Ai with Python |
| Other essential qualifications (e.g.: ownership, track records etc.) | ISO Certificate |
| If you have a list of companies with whom | ----- |

| | |
|---|---------------------------------------|
| you are in contact or interested in contacting, please provide contact details | |
| If you are interested in collaboration: please specify details and other important information you want to share with a potential company | Ai module development |
| Interested areas of collaboration | Web & Mobile Application Ai module |
| Specific R&D contribution you are seeking/offering | Advanced Research Project (ARP) |

30-11-2020

Signature

Name:

Date:

