

## Partnering Opportunity

### Technology Request

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## Partner sought for AI Smart-Farm System Technology Development and Application to Robotics Engineering

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### Summary

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*A Korean SME is seeking for partners for technology related to agricultural farming with monitoring and IoT system. Development is on-going stage, and the company is interested in robotics and AI. Partners are sought from companies and research institute specialized in development of robotics and agricultural technology. Several types of co-operation are sought, both research, technical and commercial.*

**Reference** TRKR20190304001

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### Details

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#### Description

A Korean company in agricultural industry established in 2018 and is located in Busan. The company is specialized in high-tech gardening industry and forestry.

The Korean SME is working for popularization of tree and building green environment. The SME studies growth management of plants using robotics engineering and artificial intelligence technology. The company develops integrated monitoring system based on smart-farm which adopts non-touching interface HCI and IoT technology

The company is planning on development of commercialization of prototype after system building and application of robotics system with partners under commercial agreement, manufacturing agreement, research cooperation agreement, and technical cooperation agreement.

#### Technical Specification or Expertise Sought

- Non-touching interface HCI
- A.I. smart-farm
- Robotics engineering system

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## Partner Sought

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### Type and Role of Partner Sought

- Type of partner sought: R&D Institute, university, and SME
- Specific area of activity of the partner: Robotics, AI, Smart farm system
- Task to be performed:  
Under commercial agreement with technical assistance and research cooperation agreement, the company's technology would be applicable on the existing technology to be more advanced. Also, partners should manufacture agricultural robots and applicate robotics control system to AI smart farm system with the partnership of manufacturing agreement and technical cooperation agreement.

### Type of Partnership Considered

Manufacturing agreement  
Commercial agreement with technical assistance  
Technical cooperation agreement  
Research cooperation agreement