Sunny App Robotics, Inc.

833 Craft Avenue

El Cerrito, CA 9453

+1 7258955856

Technical Assistance Request

Our development proposal consists of creating an automated device for cleaning solar panels in residential systems, such as houses, buildings, and chalets. The main technical requirements to be developed are as follows:

1. Semi-autonomous vehicle with a mechanical chassis capable of self-driving.
2. Development of a software platform for collecting data and technical information from robotic systems (Data Architecture, Data Management).
3. Development of electronic hardware for digital sensor systems adaptable to fieldwork (embedded systems).
4. Development of electronic hardware for video mapping sensor systems adaptable to fieldwork (mapping, deep learning, artificial vision).
5. Software development for autonomous robot navigation (Machine learning, AI).
6. Development of API software for the proper visualization of technical information from the robots (front-end and API).

We are excited to be a part of the American Made Challenge network and look forward to collaborating with one or more of the many stakeholders within this network.

Sincerely,

SUNNY APP ROBOTICS