



# Technology Development Board

Department of Science & Technology

## Technology Development Board

supports

M/s Planys Technologies Private Limited, Chennai, Tamil Nadu

for

" Commercialization of 'Remotely operated vehicles (ROVs)'"



Agreement Signed on 20.12.2022

Technology Development Board (TDB), a statutory body under Department of Science & Technology, Govt. of India has extended support to M/s Planys Technologies Pvt. Ltd., an IIT Madras incubated start-up based in Chennai for commercialization of Remote Operated Vehicles (ROVs) essential to inspection and monitoring of ports & terminals, process industry plants and civil structures. TDB has pledged to support ₹1.5 crores out of ₹3.6 crores of the total project cost.

This deep tech start-up aims to develop cutting edge robotics and a sophisticated AI-enabled digital analytics platform that will be implemented extensively across the Inspection-maintenance-repair (IMR) industry. The company has been incubated in IIT Madras and mentored by senior professors and is promoted by well-qualified professionals. Since inception, the company has delivered 200+ contracts across 8 industries, has indigenously developed 6 prototypes, has filed/in process of filing 30+ patents and working on some cutting-edge R&D projects like Internet of Underwater Things (IoUT). The company is recipient of National Startup Award, 2020 by Startup India and is also working on expanding its footprint internationally to regions like Europe, Middle East and SE Asia.

The company has now diversified into other potential areas of remote services and maintenance of ports, ships, refineries, oil tankers, water tanks and steel structures based on new technology using Non-destructive Technology (NDT). The company approached TDB for commercializing the application of their ROVs with suitable enhancements. The funded project envisages building of 3 ROVs for inspection and monitoring of ports & terminals, process industry plants and civil structures.