

Name of Company: M/s iMinBitTechIndia Pvt. Ltd., Haryana

Project: Manufacturing and Commercialization of Water Saving RO based Purification Technology

Agreement: 24th Day of June 2019

Technology Development Board (TDB) has entered into an agreement on 24th June, 2019 with M/s iMinBitTechIndia Pvt. Ltd., Haryana for financial assistance for the project "Manufacturing and Commercialization of Water Saving RO based Purification Technology". The company is an IIT BHU alumnus initiative Start-up recognised by Start-up India and Stand up India and seed supported by Malaviya Centre for Innovation, Incubation and Entrepreneurship (MCIIE TBI, IIT BHU, Varanasi). It was also supported and funded by the Invent Program, SIIC, IIT Kanpur.

The Company wants to build Reverse Osmosis (RO) based water purifiers which will be water, cost and energy efficient. Their innovative technology gives around 70% recovery of product water. It has developed a process and filters which not only control the parameters, but also stabilise the process in an economical way. The execution and stabilisation of such pressurised system is the key innovation of this water filtration technology. The competitive advantage is that the technology has reduced the water wastage and energy consumption by 50%. The brand name of their product is "Aquvio".

The product water purifier comes in two variant 100 LPH and 50 LPH. The main target segment of their product (water purifier) is educational institute, organizations, offices etc.

