



Technology Development Board

Department of Science & Technology

Technology Development Board

supports

M/s Astrome Technologies Private Limited, Bengaluru

for

"Productization and Commercialization of 'GigaMesh' Solution for delivery of 4G/5G Telecom and Internet services for Defence and Rural Sectors"



Agreement Signed on 23.07.2022

Technology Development Board, a statutory body of Department of Science & Technology, Govt. of India supports M/s Astrome Technologies Private Limited, Bengaluru for Productization and Commercialization of 'GigaMesh Solution for delivery of 4G/5G Telecom and Internet services for Defence and Rural Sectors'. The board has been instrumental in development of conducive start up ecosystem by promoting innovation and entrepreneurship in India. Now, to solve Internet Woes of Rural India, TDB has agreed to provide financial assistance of ₹2.97 crores, out of the total project cost of ₹19.79 crores to M/s Astrome Technologies.

'GigaMesh' can provide up to 40 links with 2+ Gbps capacity each, communicating up to a range of 10 kilometers. This flexibility in range makes it suitable for both decongesting the dense urban networks as well as extending rural coverage, the device is also capable of making the existing infrastructure 5G ready. This revolutionary approach to high-speed multiple point-to-point (Multi-P2P) communication yields up to 6 times reduction in capital expenditure (CapEx) per link as compared to the state-of-the-art point-to-point (P2P) wireless solutions.