

## PRESS RELEASE

Gandhinagar, 18 Oct 2022

**Bharat Forge Signs a Memorandum of Understanding  
With General Atomics, USA**  
*Companies to collaborate for Indian Navy Lithium-Ion Battery System for naval  
platforms/submarines Program*

Bharat Forge Ltd., the world's leading technology solutions provider and forging company signed a Memorandum of Understanding (MOU) with General Atomics, US, a global leader in the research, design, and manufacture of a diverse portfolio of electromagnetic and advanced power and energy technologies. Under the terms of the MOU, Bharat Forge and General Atomics' Electromagnetic Systems Group (GA-EMS) will collaborate for Lithium-Ion Battery System for naval platforms/submarines to address the requirements of Indian Navy. The parties have also agreed to partner with each other in the area of permanent magnet motors.

**Speaking on the occasion, Mr. Baba Kalyani, Chairman Kalyani Group said,** "We have been relentlessly working towards bringing niche technologies in the country with the aim of making Indian self-reliant in defence verticals. GA is a market leader for in-service Li-Ion Battery solutions for naval platforms/submarines and our partnership with General Atomics is a firm step in the direction to develop Make in India solutions for Indian Navy and setting up a strong defence technology and manufacturing vertical within India."

"We look forward to working with Bharat Forge to meet the requirements of Indian Navy. Our Li-Ion battery system has been developed after 10 years of rigorous R&D. Instead of the usual 'fault prevention', our design philosophy is based on assuming a fault and requiring fault containment', which has made our system extremely safe and reliable", **stated Scott Forney, president of GA-EMS.** "We are committed to working with companies like Bharat Forge, whose reputation for excellence and dedication to quality is synergistic with ours, as we continue to deliver technology innovations and cutting-edge systems for undersea and surface platforms."

### **About Bharat Forge**

Bharat Forge Limited (BFL) is the flagship company of the Kalyani Group and a global provider of high performance, innovative, safety & critical components and solutions to various industrial sectors including Automotive, Railways, Power, Construction & Mining, Defence, Aerospace, Marine and Oil & Gas. In its Defence profile, Bharat Forge has expertise in design, development, engineering and manufacturing in systems and sub-systems space for Artillery Guns, Armoured Fighting Vehicles, Protected Vehicles, Ammunition, Defence Electronics, Small Arms and Marine solutions.

### **About General Atomics**

General Atomics pioneers state-of-the-art technologies and innovations across the full spectrum of science and technology. General Atomics' Electromagnetic Systems Group (GA-EMS) is a leader in the research, design, and manufacture of first-of-a-kind electromagnetic and electric power generation systems. GA-EMS Electromagnetic Aircraft Launch System (EMALS) and Advanced Arresting Gear (AAG) system are currently transforming how naval aircraft launch and land aboard US *Ford*-class carriers. In addition to EMALS and AAG, GA-EMS offers a portfolio of multi-mission systems, components, and integrated solutions for satellites, space systems, missile defense, power and energy, and processing and monitoring applications worldwide.

**In the picture:**

The MOU signing from right to left...