

**EXPRESSION OF INTEREST FOR
HIGH CAPACITY LITHIUM ION BATTERY TECHNOLOGY (HCLBT) MK-II**

Naval Science and Technological Laboratory (NSTL), Visakhapatnam, a Research & Development Laboratory under DRDO, MoD has developed High Power Li-ion Battery Technology (HPLBT), awarded ToT to interested manufacturers under Category 'A' and handed over the know-how of various technologies related to the development. Due to the incessant R&D efforts, NSTL has now indigenously developed technology for 1C rated 200 Ah Li-ion cell in prismatic configuration. High capacity cells of the order of 200 Ah capacity which are suitable for defence applications are not commercially available. With the existing pilot plant facility at NSTL, fabrication of proto type Li-ion cells of 200Ah capacity is carried out and the cells are tested and evaluated.

It is proposed to transfer the “**High Capacity Li-ion Battery Technology (HCLBT) MK-II**” (1 C rated 200 Ah) under category-A through Transfer of Technology as per DRDO guidelines by inviting Expression of Interest (EOI) from interested manufacturing industrial partners as per DRDO guidelines. In this ToT, HPLBT will be the base technology which is augmented by the newly developed HCLBT. NSTL will provide the relevant “know-how” on high capacity Li-ion battery technology along with the base technology of Li-ion cells. Indian industries having sufficient experience, expertise and willingness to absorb the technology to undertake productionisation of Lithium ion (Li-ion) battery systems based on the technology developed by NSTL, Visakhapatnam can submit Expression of Interest (EOI).

Submission of EOI

Interested industries may write along with their company profile, financial & technical capabilities etc to Director, NSTL, Visakhapatnam and copy to Director, DIITM on the following addresses.

Director, NSTL

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