

Expression of Interest (EoI) for ToT of FLAME RETARDANT AUTOMATIC INFLATABLE LIFE JACKET (FRAILJ)

The jacket is a life saving equipment, which is inflatable and is intended for preventing the aircrew/pilot from drowning in the event of an emergency ejection or landing into water.

Salient features:

- Made out of Flame Retardant meta aramid woven and knitted fabric, which provides adequate time to escape in the event of an unforeseen fire accident.
- Inflatable thermoplastic PU bladder manufactured by RF welding with stole pouch for protection of bladders.
- Automatic and manual modes of inflation. Automatic inflation mechanism (CO₂ cylinder) with sea activated battery helps to Inflate the bladder within <5 seconds.
- Provides a buoyancy of minimum 18kg and keeps the wearer afloat for 4 to 6 hrs at a convenient angle.
- Para aramid fabric with very high Limiting Oxygen Index (LoI) is provided for additional protection of bladder against molten metal splashes.
- Available for Jaguar, Mirage and MiG series aircrafts.
- Equipped with winching tapes to pull the pilot from surface of water.
- Available in universal size.
- Provided with a survival aid pocket to hold survival aids, Personal Locator Beacon (PLB), GPS antenna and V/UHF antenna.
- Provided with reflective tapes and fluorescent fabrics to attract the rescue team.
- Jaguar version of FRAILJ has closure plate assembly to secure man mounted oxygen regulator. Mirage version has a smaller closure plate assembly to secure HMSD cables.



Contact Details

Interested companies/industries are requested to apply against this EoI through email or by DAK to following address:-

To,

Director

Defence Bioengineering & Electromedical Laboratory

Govt. of India, Ministry of Defence

CV Raman Nagar-560 093

Email-director.debel@gov.in

Copy to:-

The Director

Directorate of Industry Interface & Technology Management (DIITM)

Room No. 447, DRDO Bhawan, Rajaji Marg, New Delhi-110 011

Email-diitm.hqr@gov.in

List of Support documents to be attached with EoI

- (a) Memorandum and Articles of Association (Should be incorporated as per Indian Companies Act, as amended time to time)
- (b) Certificates of registration as a manufacturing unit, if any.
- (c) Audited Balance Sheet for the preceding three years.
- (d) Income Tax returns for the preceding three year period
- (e) Details of shareholding/ownership pattern especially foreign partners/ shareholders, foreign employees, directors, etc. The company must adhere to the prevailing Govt of India policies and regulations on Foreign Direct Investment (FDI)/DIPP norms as applicable.
- (f) Annual budget for R&D during last three years.
- (g) Numbers and details of IPR or patents, etc., held by the company.
- (h) Number of technically or professionally qualified personnel.

- (i) Record of past performance (e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).
- (j) Availability of adequate infrastructure (List of machines and their production capacities) and technical expertise.
- (k) List of Testing and Support equipment's
- (l) ISO/ ISI certification or any other certification
- (m) Relevant clearances form the authorities/ ministries (if any)
- (n) Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.
- (o) Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.
- (p) PESO and DPIIT license for explosive handling if ToT is for high energy Material, explosives, propellants, and component/ system dealing with it etc.
- (q) Under taking form company seeking ToT that none of its Directors, Independent Directors, non-executive Directors, Key management personnel are involved in any corrupt practices, unfair means and illegal activities.
- (r) Details of the industrials license for defence manufacturing be provided by the industry seeking ToTs.