

“Ultrasonic Cleaner System for Small Arms”

Small arms cleaning activity is done manually, as of now, due to unavailability of the proper equipment/method for carrying out such a specific activity. Ultrasonic cleaning is a powerful technique to remove tough contaminants and, therefore, many armies around the world are utilizing the ultrasonic based equipments. With the aim to automate the manual cleaning, an innovative design has been finalized after intensive research, experimentation and after due deliberation with the stakeholders. Design has been tested on various class of small arms and their components. The equipment has been especially designed for small arms cleaning and maintenance and boast of features like distinct transducer design, heater, dryer etc. with ergonomic design.

ToT will comprise of designing and manufacturing the equipment and methodology to clean the small arms.

1. Interested companies/industries are requested to apply against this EoI to following address:-

To,

The Director

Armament Research & Development Establishment (ARDE),

Dr. Homi Bhabha Road, Pashan, Pune-411021

Email-director.arde@gov.in

2. A copy of interest may be sent to the following address without any attachment:-

Copy to:-

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.

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.