

MULTI INFLUENCE GROUND MINE (MIGM) [without explosive]

1. Introduction:

Naval Science and Technological Laboratory (NSTL) , Visakhapatnam a Research and Development Laboratory under DRDO, MoD invites Expression of Interest (EOI) from Indian manufacturers having sufficient experiences , expertise and willingness to undertake production of Multi Influence Ground Mine (MIGM)

2. System Description:

Multi Influence Ground Mine (MIGM), design and developed by NSTL, DRDO with an aim to give Indian Navy an edge against most modern stealth ships. MIGM is deployable from ships, COOPs, submarines. This project involves state of the art technologies in FRP composites, electronics hardware, high density power packs, software and sensors for detection of different influences. MIGM (**Fig-1**) has exercise as well as combat versions. MIGM operates in two modes Cable control mode and autonomous mode.



Fig-1 MULTI INFLUENCE GROUND MINE

Transfer of technology will include dimensional drawings for manufacture of individual systems, integration details and documentation for operation and maintenance of the system.

3. DOCUMENTS:

The documents to be submitted by the firm are as per the following:-

- a) Memorandum and Articles of Association (Should be incorporated as per Indian Companies Act, 1956)
- 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 equipments
- 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.

(Refer DRDO Policy and Procedures for details)

4. SUBMISSION OF EOI:

Interested industries may write along with their company profile, financial and technical capabilities etc to The Director, NSTL, Visakhapatnam and copy to DIITM on the following addresses within 45 days of this advertisement.

A. The Director, NSTL, DRDO,
Min. Of Defence,
Vigyan Nagar,
Visakhapatnam – 530 027
Fax: 0891-2559464,
e-mail: director@nstl.drdo.in

B. The Director, DIITM,
Room No. 446, DRDO Bhawan,
DRDO Hq, Min of Defence,
Rajaji Marg, New Delhi – 110 011
Contract No. 011-23016216 / 23007446
Fax: 011-23793008