**Expression of Interest**
**Processor Based Moored Mine (PBMM)**

**1.Introduction**:
 Naval Science and Technological Laboratory (NSTL), Visakhapatnam, a Research & Development Laboratory under DRDO, MoD, invites Expression of Interest (EOI) from Indian manufacturers having sufficient experience, expertise and willingness to undertake the production, of **Processor Based Moored Mine (PBMM)**.

**2. System Description:**

 **Processor Based Moored Mine**, designed and developed by NSTL-DRDO. PBMM is an underwater weapon for deployment in deep waters against surface vessels. PBMM operates on two influence viz , Acoustic and Magnetic signatures generated by surface vessels. The Acoustic and Magnetic sensors incorporated in PBMM acquire the influence of the passing vessels and then the mine explodes at the closest point of approach and destroys the target.

PBMM Salient Features

• Compact dimension suitable to deploy from multiple types of platforms

• Material suitable for marine application.

• Can be deployed from surface vessels.

• Insensitive munitions

• Influences: Acoustic and Magnetic

• Modular design for easy maintainability

• Transportation/Explosive/Switch ON / Launcher

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

**3. TOT TERMS :**

The TOT terms and Conditions are as per the following:-

(a) TOT will be given on non-exclusive basis only. The number of licenses on non-exclusive
basis will be restricted. However, additional licence if required will be given by DRDO on
need basis. The intellectual property rights shall always remain with DRDO.

(b) The amount and payment stages of TOT fee will be as prescribed by DRDO.

(c) Royalty fee @ 2% of the annual sales to Indian Govt. Estt, Armed Forces and @ 6% of
the annual sales to Export Market (based on invoice value declared to Customs
authorities). Export is subjected to due approval from DRDO/MoD.

(d) Technical assessment of the industries submitting EOI will be carried out by a Technical
Assessment Committee (TAC) for verification of the technical and financial
capability/capacity of the industry.

(e) Eligible parties will have to sign Confidentiality & Non-Disclosure Agreement (CNDA)
with DRDO for technical discussion including specifications, following which they shall be
considered for giving Transfer of Technology (TOT) on non-exclusive basis.

(f) TOT to industry will be given based on their manufacturing capability, assurance on
quality and capacity of production apart from other terms and conditions.

(g) The Licensing Agreement for Transfer of Technology (LATOT) which is to be signed will be as per appendix-K of DRDO Guidelines for Transfer of Technology and its amendments time to time.

(h) DRDO shall have the march-in rights to use the IP for its own use in the interest of the
Govt. of India without any restrictions, irrespective of the nature of licence granted.

**4. Submission of EOI**

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

**Director, NSTL**
DRDO, Min. of Defence,
Vigyan Nagar

Visakhapatnam, Andhra Pradesh - 530027

FAX : 0891 - 2559464
Email: director@ nstl.drdo.in

**Director, DIITM**
Room No 446 DRDO Bhawan
DRDO HQrs Ministry of Defence
RajajiMarg New Delhi – 110011
Contact No - (011) 23016216 / 23007446
FAX No. 011-23793008