

## **Low Density Ablative Material (LDAM)**

1. Low Density Ablative Material (LDAM) has been developed by DRDL for missile application. LDAM can be used as internal/external thermal protection for putty application and for sealing joints in missile systems. This type of insulation system which has the advantages over the existing insulation systems such as PC-10, TPP/TPI, EPDM and ROCASIN in terms of density, ease of application repairable, high thermal stability and applicable to both metallic and composite sections. LDAM has shown good structural integrity for handling, transportation and repairing works.

2. LDAM can be applied both externally/ internally by spraying as per the thickness requirement on metallic and non- metallic surfaces both. It can also be applied as Putty for sealing joints. It can be coated into any shape and thickness as per the requirements.

### **Salient features of LDAM are as follows:**

- Very low density.
- Low thermal Conductivity.
- Thermal stability up to 1200° C
- Room Temperature Curable
- Green process
- No by products in the process
- Tailor made for different type of shapes and applications

Interested Industries are requested to forward their Expression of Interest (EoI) (with supporting document as enclosure) to Director DRDL, Hyderabad with a copy to Director DIITM, DRDO HQ (without enclosures) on following address:-

**To,**

### **Director**

Defence Research & Development Laboratory

Kanchanbagh, Hyderabad-500058

Phone: 0091 40 24583000

Fax: 040-24340109

Email ID: [director\[dot\]drdl\[at\]gov\[dot\]in](mailto:director[dot]drdl[at]gov[dot]in)

### **Copy to**

### **Director**

**Directorate of Industry Interface & technology Management (DIITM)**

Room No. 447, DRDO Bhawan, DRDO HQrs, Rajaji Marg, New Delhi-110011

Phone: 011-23013209/23015291

Fax: 011-23793008

Email: [diitm\[dot\]hqr\[at\]gov\[dot\]in](mailto:diitm[dot]hqr[at]gov[dot]in)

Industries are requested to enclose supporting document in EoI as per Appendix 'D' of DRDO Policy and Procedure for ToT available at <https://www.drdo.gov.in/sites/default/files/inline-files/drdo%20Policy%20%26%20Procedure%20%20for%20ToT.pdf>