

# **VAPOUR ABSORPTION MACHINE (VAM) BASED COOLING, RIPENING CHAMBERS AND SPACE COOLING**

## **Expression of Interest (EoI Call)**

### **Text of Newspaper Advertisement**

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**INDIAN INSTITUTE OF TECHNOLOGY DELHI  
NEW DELHI-110016  
Industrial Research & Development Unit  
Expression of Interest (EoI) Call**

This is a call for “Expression of Interest” for a “Vapour Absorption Machine (VAM) based cooling, and ripening chambers and space cooling” for a village level micro-industry. The system will comprise a VAM cooling system of 50 TR (tons refrigeration) capacity for cool chambers for ripening, and for space cooling. Only such firms that make 50 TR VAM machines in-house, need apply. Qualifying firms may send in their EoI letter. For all details, terms and conditions, and reply address, go to website <http://www.iitd.ac.in/tenders>, and look for “VAM based cooling, and ripening chambers and space cooling”.

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### **DETAILS AND INSTRUCTIONS:**

This is a call for “Expression of Interest” for a “Vapour Absorption Machine (VAM) based cooling, and ripening chambers, and space cooling” for a village level micro-industry. The system will comprise a VAM cooling system of 50 TR (tons refrigeration) capacity for cool chambers for ripening, and for space cooling. The cool ripening chambers will be of size of 7 m x 5 m x 4 m (4 Nos.), complete with puff insulation. Residual cooling, after use in ripening chambers will be used for space cooling. Steam at 2.5 barg pressure will be available in sufficient quantity (> 500 kg/hr).

Only such firms that make 50 TR VAM machines in-house, need apply.

Kindly express your interest in supplying, installation and commissioning of such a system giving the following details:

- 1) General credentials of your firm with all commercial and governmental registration details.
- 2) Your general credentials for supplying VAM based cooling, and ripening chambers, mentioning list of relevant major equipment that are built in-house by you.

- 3) List of organizations, with addresses and phone numbers, where you have supplied Vapour Absorption Machine (VAM) based cool ripening chambers and space cooling at 50 TR capacity.
- 4) It is also desirable that customer satisfaction letters, if available from customers, be attached.
- 5) **Please do not quote any prices.**

Send in your “Expression of Interest” letter, along with other documents asked for, under sealed cover, to reach by 21 days of publication of the newspaper advertisement as above, to the following address, and with the words “EoI for VAM BASED COOLING AND RIPENING, RP02260”, prominently written on the outer cover. **Do not send any document by email.**

Address of Submission:

PRINCIPAL INVESTIGATOR (RP02260)  
Head’s Office, Room No. IV-236  
Department of Applied Mechanics  
Indian Institute of Technology, Delhi  
New Delhi-110016

Based on “Expression of Interest”, a list of firms will be shortlisted. The shortlisted firms will be sent the tender call with details of the equipment to be purchased and they will have to submit the technical and the financial bid as given in the tender call.