NOTICE INVITING QUOTATIONS  
For a Vapour Absorption Refrigeration unit

Technical Specifications of the unit:
A fully instrumented laboratory unit designed to help the students to study the performance of vapour absorption refrigeration system under different cooling loads is required. The unit should include the following:

a) All necessary transducers should be provided for measurement of temperatures, power inputs etc. with digital display of all parameters.
b) The unit should be provided with all automatic safety devices.
c) All major components of refrigeration system-generator, absorber, condenser and evaporator should be clearly visible.
d) Boiler should be provided with an electrical heater or gas burner or preferably with both options. Gas burner should be with ignition device.
e) An operating and maintenance manual should be provided with the unit along with a recommended spare parts list or other accessories.
f) Temperature measurement should be with a resolution of 0.1°C and overall accuracy of 1°C or better. All other instruments should have accuracy of 1% of full scale in respective ranges or better. Accuracy of each instrument should be clearly specified.

Terms & Conditions:

i. The vendor should quote on FOB basis for all the models that meet the above specifications.
ii. The vendor should provide technical and commercial bids in separate sealed envelopes and each envelope should be clearly marked with words “Technical Bid” and “Commercial Bid”.
iii. Technical bid should include the printed brochure of the equipment.
iv. Vendors should provide a list of users in India (specially IITs) with address and contact details (email & contact No.) where similar facilities have been supplied and in operation for last 2-5 years.
v. Maximum on site warranty period and after sales service to be specified by the vendor.
vi. IIT-Delhi is exempted from excise duty and the necessary exemption certificate can be issued, if required.

vii. All terms and conditions including delivery period be clearly specified.
viii. IIT Delhi reserves the right to reject any or all quotations without assigning any reason.
ix. Send your techno-commercial offer to the following address on or before 12-10-2012.

Dr. Sanjeev Jain  
Professor  
Room No: III-255  
Mechanical Engineering Department  
IIT-Delhi, Hauz Khas  
New Delhi-110016  
India  
Ph: 91 11 2659 1060  
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Note: IIT, Delhi is an academic institute of national repute and the unit will be used for teaching purpose. Any special discount, if offered to academic institutes, may also be mentioned in the offer.