



Telephone :

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# Indian Institute of Technology Madras

I.I.T. P.O., CHENNAI - 600 036.

Ref. No. MEE 12-13 303 DSTX KSRS VII

Date : 29.10.2015

Dear Sirs,

DUE DATE : 19.11.2015

1. Quotations are invited in duplicate for the various items shown below / overleaf / enclosed list.
2. The Quotations duly sealed and superscribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate contract. Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers)
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
6. Local Firms : Quotations should be for free delivery to this Institute. If Quotations are for Ex-Godown, delivery charges should be indicated separately.
7. Firms Outside Chennai : Quotations should be for F.O.R. Chennai. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If-Ex-Godown, packing, forwarding and freight charges must be indicated.
8. The rate of Sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever. The taxes leviable should take into consideration that we are entitled to have Concessional Sales Tax applicable to Non-Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificates will be issued at the time of final settlement of the bill.
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. Payment : Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.

Details as per enclosed list.

Yours faithfully



**Dr. K. SRINIVAS REDDY**  
Professor  
Heat Transfer and Thermal Power Laboratory  
Department of Mechanical Engineering  
Indian Institute of Technology Madras  
CHENNAI-600 036.

HEAD OF THE DEPT. /  
PROJECT CO-ORDINATOR

\*Strike out whichever is not applicable.



## Specification for Supply and Installation of Hot water Generator for Vapour absorption Chiller

Heat Output	: 50000 kCal/h
Type	: Horizontal firing
No. of passes	: 3
Fuel	: LPG fired
Water Pump flow rate	: 2.9 m <sup>3</sup> /h
Outlet Temperature	: 94 – 96 °C
Temp. difference ( delta T)	: 13 - 18 °C
Efficiency	: >90 %
Chimney:	
Material	: MS
Dia	: 150 mm
Height	: 3 m
Fuel	: LPG
No. of gas line	: 6

### Inclusions:

1. Unloading ,erection of Hot water generator and accessories
2. Metal foundation for Hot water generator and other accessories
3. Gas pipeline up to the inlet of the unit
4. Chimney and flue gas duct between main unit and chimney
5. Prewired-Control panel with necessary instruments

Note: System should be compatible to vapour absorption Chiller (Cooling Capacity 3.3 TR, hot water Inlet & Outlet temperatures 95 and 90 °C, Flow rate 2.9 m<sup>3</sup>/h, DN 40)

