



SPEED POST

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Grams :

**SARDAR VALLABHBHAI NATIONAL
INSTITUTE OF TECHNOLOGY, SURAT-395 007.**

No. DoME/RAC Lab/ **2337/1626** /2025-26

Date: **17/10/2025**

To,

Institute Website

**त्वरीत डाक
SPEED POST**

**17 OCT 2025
9202 10071**

SUB: - Enquiry regarding Refrigerant charging & Evacuating Unit & Refrigerant Recovery Unit with Cylinders

Dear Sir,

You are requested to quote your prices for supply of stores listed overleaf. The quotations may be sent to the undersigned in a sealed envelope and subscribed as: "Quotation with reference to Enquiry No. DoME/RAC Lab/ **2337/1626** /2025-26 dtd **17/10/2025**. Your quotation should reach the undersigned on or before **05/11/ 2025 at 5:00 pm**.

The quotations should be furnished with the following information.

- 1) The brand or make of each item should be specifically stated and wherever necessary, Complete set of specifications and dimensions should be given.
- 2) If asked, samples are accompany the quotations
- 3) Sales tax, General tax, Central Sales tax, Custom duty, Insurance charges, Packing and Forwarding charges, if not included in the prices quoted, should be clearly specified.
- 4) The period of validity of the quotation should be at least 45 Days. Offers subject to prior sale may please be avoided.
- 5) The delivery period is to be clearly mentioned in the quotation.
- 6) The mode of delivery of the stores may be mentioned. The delivery should be F.O.R. Surat or at the Institute.
- 7) All concessions available to an educational institution should be specified and also taken into account while quoting.
- 8) This Institute is located within the limits of S.M.C. & exempted from the paying of octroi duty on incoming goods from outside limits of S.M.C.
- 9) This Institute is registered with the dept. of scientific & industrial Research (DSIR) for the purpose of availing custom duty exemption & central excise duty exemption, and hence the certificate to this effect will be issued wherever it is necessary on demand.
- 10) Payment is normally made by cheque drawn on the S.V.N.I.T. Branch Office of State Bank of India, Surat-395007 within a period of thirty days from the date of receipt of stores.
- 11) Your specifications & terms- conditions should be as per the format attached, must be on your company letterhead & signed by an authorized person.
- 12) Offered quotation may be rejected if any ambiguity is found in offered specifications, terms & conditions supplied by party in specified tabular format.
- 13) The Director reserves the right to accept stores, which are not strictly in confirming with the specifications but otherwise, found suitable.

Yours faithfully,

Head, Mech. Engg. Dept

16.10.25

Specification

Sr. No.	Item Name																				
1.	Charging & Evacuating unit : To perform easy charging & evacuating process of refrigerants for easy servicing & Maintenance Technical Specification: <table border="1"> <tr> <td>Digital Weighing balance</td><td>Range 10 Kg to measure amount of gas charged</td></tr> <tr> <td>Vacuum pump</td><td>¼ hp positive displacements pump single stage</td></tr> <tr> <td>Combined voltmeter and ammeter</td><td>To measure voltage and current given to vacuum pump</td></tr> <tr> <td>Service valve</td><td>1 no. Brass type</td></tr> <tr> <td>Charging Hose Pipe</td><td>02 nos.</td></tr> <tr> <td>Warranty</td><td>Three years</td></tr> <tr> <td colspan="2">Gauge manifold with high pressure & low pressure gauges, supports charging & evacuation</td></tr> <tr> <td colspan="2">Electric control panel consists of Voltmeter, ammeter, Extra service plug; Switches for vacuum pump & service Plug</td></tr> <tr> <td colspan="2">All above components are mounted on movable trolley duly painted and provided with precaution & safety manual.</td></tr> <tr> <td colspan="2">Instruction manual for how to charge & evacuate the refrigerants.</td></tr> </table>	Digital Weighing balance	Range 10 Kg to measure amount of gas charged	Vacuum pump	¼ hp positive displacements pump single stage	Combined voltmeter and ammeter	To measure voltage and current given to vacuum pump	Service valve	1 no. Brass type	Charging Hose Pipe	02 nos.	Warranty	Three years	Gauge manifold with high pressure & low pressure gauges, supports charging & evacuation		Electric control panel consists of Voltmeter, ammeter, Extra service plug; Switches for vacuum pump & service Plug		All above components are mounted on movable trolley duly painted and provided with precaution & safety manual.		Instruction manual for how to charge & evacuate the refrigerants.	
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2.	Refrigerant Recovery Unit with Cylinders: Technical Specification: <table border="1"> <tr> <td colspan="2">Compact and lightweight, features a 40 percent smaller footprint, is easy to carry</td></tr> <tr> <td colspan="2">Oil-less compressor that is capable of recovering both liquid and vapour</td></tr> <tr> <td colspan="2">Handles almost all refrigerants, works with all common CFC, HFC, HCFC refrigerants including R-410A</td></tr> <tr> <td colspan="2">High efficiency cross-flow design, fan and condenser is maximized for shorter cycle times</td></tr> <tr> <td colspan="2">High pressure safety shut-off switch automatically shuts off machine if pressure rises above 550 PSI.</td></tr> <tr> <td colspan="2">Self-Purge function</td></tr> <tr> <td colspan="2">Supplied with 03 empty refrigerant cylinders of capacity 2 kg weight. (each)</td></tr> <tr> <td colspan="2">Instruction & safety precaution manual.</td></tr> <tr> <td colspan="2">Warranty Required : 3 years</td></tr> </table>	Compact and lightweight, features a 40 percent smaller footprint, is easy to carry		Oil-less compressor that is capable of recovering both liquid and vapour		Handles almost all refrigerants, works with all common CFC, HFC, HCFC refrigerants including R-410A		High efficiency cross-flow design, fan and condenser is maximized for shorter cycle times		High pressure safety shut-off switch automatically shuts off machine if pressure rises above 550 PSI.		Self-Purge function		Supplied with 03 empty refrigerant cylinders of capacity 2 kg weight. (each)		Instruction & safety precaution manual.		Warranty Required : 3 years			
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