



**OFFICE OF COMMISSIONER OF CUSTOMS
CUSTOM HOUSE LABORATORY
CUSTOM HOUSE, NEW HARBOUR ESTATE
TUTICORIN- 628 004.
Telephone: 0461-2353104**

LIMITED TENDER INVITING QUOTATION

Sealed quotations are invited from the suppliers for the supply of *Instrument for oil content determination in Petroleum wax* as per the specifications and terms & conditions enclosed herewith in Annexure 'A' for the use of Custom House Laboratory, Tuticorin.

- The quotation should be marked as "**Quotation for Instrument for oil content determination in Petroleum wax**" and addressed to The Chemical Examiner, Custom House Laboratory, Custom House, New Harbour Estate, Tuticorin-628 004.
- The **last date for the submission of quotation is 21.09.2015 till 17.00 hrs.** Quotation received after due date shall be summarily rejected.
- The quotation should be signed by authorized person and his full name and status should be indicated below his signature.

The tender information is also available in www.cbec.gov.in & www.tuticorincustoms.gov.in

F No.02/Ins-Pur/Lab/2015-16
Dated: 04.09.2015

Tamil Nadu

Sd/-
04.09.2015
Chemical Examiner
Custom House Laboratory,
Custom House, Tuticorin-628 004.

ANNEXURE-‘A’

Instrument for oil content determination in Petroleum wax

Technical Specification

- The instrument should be able to determine the oil content and solvent extractable content in petroleum waxes conforming to the standards to ASTM D721, D3235, IS 4654-1993 and other to related specifications.
- It should have required assemblies namely Cooling Bath, Air Pressure Regulator, Evaporation cabinet etc., and other accessories such as Filter Stick Assembly, Weighing Bottles, Thermometer(Range: -40 to +30°C) etc., for ready to use.
- **Filter Stick and Assembly**–As per ASTM specifications and it should be inserted in Cooling Bath
- **Automatic Cooling Bath**– An electrically refrigerated cooling bath along with Temperature indicator and controller. It should able to maintain the temperature between ambient to -35° C throughout the operation.
- **Air Pressure Regulator**– It should be automatic with control valves; Pressure Gauge, air Flow regulator and indicator for Control of air flow to the filter stick assembly at the required rate.
- **Evaporation Cabinet**–It should accommodates four weighing bottles and evaporate the solvent from filtrate as per specification. It should control the temperature at $35 \pm 1^{\circ}\text{C}$

Terms & conditions

1. The price quoted should be inclusive of all taxes and for safe door delivery.
2. The guarantee/warranty should invariably be specified, defect if any should be properly attended to by supplier when brought to his notice. Guarantee/warranty of the instrument shall commence from the date of successful installation.
3. Any loss or damage to the instrument during handling, transportation till the installation at the site shall be the responsibility of the firm.
4. Payment shall be made after the supply of items in full by Director, CRCL, Hill side Road, PUSA, New Delhi.
5. The Instrument should be supplied to Custom House Laboratory, Custom House, New Harbour Estate, Tuticorin-628004, Tamil Nadu.
6. The quotation should contain the brochure/pamphlets for the make and model quoted and addressed to the **Chemical Examiner, Custom House Laboratory, Custom House, New Harbour Estate, Tuticorin-628004, Tamil Nadu.**
7. The quotation should reach on or before 21.09.2015
8. The quotation received after due date shall be summarily rejected.
9. The office reserves the right to accept or reject the quotation.