

**Government of India**  
**Ministry of Finance**  
**Department of Revenue**  
**Central Board of Excise and Customs**  
**Directorate of Logistics**  
**Customs and Central Excise**  
**4<sup>th</sup> floor, Lok Nayak Bhavan, Khan Market**  
**New Delhi – 110 511, INDIA**  
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F.NO. 441/25/DL (As) 2014/pt.

New Delhi, the 27<sup>th</sup> February 2015

**EXPRESSION OF INTEREST**

The Directorate of Logistics, Customs & Central Excise provides logistical support to the field formations of Customs & Central Excise in India. The Directorate invites Expression of interest (EOI) for purchase of following analytical instruments/equipment/items for Central Revenues Control Laboratory, New Delhi and its Laboratories located in Custom House of Chennai, Kandla, Kochi, Kolkata, Mumbai and Vishakhapatnam and Govt. Opium and Alkaloid Works Ghazipur and Neemuch under the Department of Revenue. The purpose of the EOI is to identify the manufacturers/ suppliers who are interested and capable of supplying and maintaining below listed Equipment / Instruments and associated Software/Hardware, etc.

2. Those vendors, who possess the capability to supply and maintain the following instruments/items/ equipments should submit their response alongwith details sought in the hereunder

- i. technical specifications & budgetary costs (in case more than one model satisfy the requirement) of the instrument/item, along with brochures for available model(s) of instruments/equipments/items,
- ii. estimated cost for post warranty services (for 3-5 years duration),
- iii. arrangement for the warranty & post-warranty maintenance,
- iv. special requirements, if any, for the installation and operation of the instrument / item at the site of installation,
- v. details of past (in last 7 years) supplies, if any, of similar equipment/ instruments/ items made to Government laboratories/ institutions,
- vi. any other information that is considered relevant.

S.No.	Name of the Instrument/item	Application of Instrument / systems
1.	Ultra Violet - Visible Spectrophotometer	To study optical properties of organic compounds
2.	Fourier Transform Infra-Red Spectrometer	For rapid and accurate identification of organic (and in some cases inorganic) compounds
3.	Gas Chromatography Apparatus	Identification and Quantitative determination of volatile components of a mixture of organic compounds using reference standards
4.	High Pressure Liquid Chromatography Apparatus	Identification and Quantitative determination of volatile/non-volatile components of a mixture of organic compounds using reference standards
5.	Gas Chromatography - Mass Spectrometer	Identification of volatile components of a mixture of organic compounds without use of reference standards; Quantitative determination of volatile components of a

		mixture of organic compounds using reference standards
6.	High Pressure Liquid Chromatography - Mass Spectrometer	Identification of volatile/non-volatile components of a mixture of organic compounds without use of reference standards; Quantitative determination of volatile/ non-volatile components of mixture of organic compounds using reference standards
7.	X- Ray Diffraction Spectrometer	For identification of unknown crystalline materials (e.g. minerals, inorganic compounds).
8.	High Performance Thin Layer Chromatography - Mass Spectrometer	For separation of components of an organic mixture by bed chromatography, their identification, with or without reference standards, quantification of known components with the use of their reference standards.
9.	Isotopic Ratio Mass Spectrometer (IR-MS)	For providing information about the geographic, chemical, and biological origins of seized Narcotic Drugs & Psychotropic Substances.
10.	Inductively Coupled Plasma – Mass Spectrometer (ICP-MS)	Simultaneous quantitative analysis of trace metals in seized Narcotic Drugs & Psychotropic Substances.
11.	Gas Chromatography - Mass Spectrometer /Mass Spectrometer	For characterization of unknown volatile components in a seized Narcotic Drugs & Psychotropic Substance materials, For signature profiling of Narcotic Drugs & Psychotropic Substances
12.	High Pressure Liquid Chromatography - Mass Spectrometer /Mass Spectrometer	For characterization of unknown volatile/non-volatile components in a seized Narcotic Drugs & Psychotropic Substance materials, For signature profiling of Narcotic Drugs & Psychotropic Substances
13.	Nuclear Magnetic Resonance Spectrometer	For determining the content and purity of a known/unknown compounds and their molecular structure
14.	Mobile Testing Van with Narcotics cum Explosive Detector Apparatus	For confirmatory testing of Narcotic Drugs & Psychotropic Substances on the spot of seizure

3. It may be noted that these are not exhaustive requirements and the prospective vendor may suggest additional specifications, as deemed fit, providing justification for the same.

4. In case the respondent is not an OEM, confirmation that the respondent is duly authorized to represent the OEM concerned should be provided.

5. If required, the supplier should propose for presentation/demonstration of the products offered at the Office of Directorate of Logistics, New Delhi.

6. It may be noted that this communication is only for the purpose of obtaining information on the requisite products. Separate tender will be issued for procurement of instruments / equipments.

7. Expression of interest should reach the undersigned by 18<sup>th</sup> March 2015.

Sd/-  
Commissioner  
Directorate of Logistics