

GOVT. OF INDIA
MINISTRY OF FINANCE
DEPARTMENT OF REVENUE
CUSTOMS HOUSE LABORATORY
CUSTOM HOUSE KANDLA

Telefax: - 02836-271471

F. No.: - KCL/ 23 / INSTR./ 12-13

Dated: -20.12.2012

TENDER NOTICE NO.: - 01/2012-13

**NOTICE INVITING QUOTATIONS FOR SOPHISTICATED LABORATORY INSTRUMENTS FOR THE
CUSTOMS HOUSE LABORATORY, CUSTOM HOUSE: KANDLA**

SEALED DUAL BID SYSTEM TENDERS / QUOTATIONS ARE INVITED FOR AND ON BEHALF OF THE COMMISSIONER OF CUSTOMS, KUTCH COMMISSIONERATE, FROM REPUTED REGISTERED/AUTHORISED FIRMS FOR THE SOPHISTICATED LABORATORY INSTRUMENTS AS PER THE LIST ATTACHED AS ANNEXURE-A

THE RATES QUOTED SHOULD BE INCLUSIVE OF ALL TAXES. THE MATERIALS SHOULD BE DELIVERED AT OUR DOOR WITHOUT ANY TRANSPORTATION CHARGES PAYABLE. THE WARRANTY PERIOD SHOULD BE SPECIFIED IN RESPECT IN EACH OF THE INSTRUMENT.

INTERESTED PARTIES/FIRMS SHOULD SUBMIT THEIR TENDERS/ QUOTATIONS IN A SEALED COVER MENTIONING " QUOTATIONS FOR SOPHISTICATED LABORATORY INSTRUMENTS" ADDRESSED TO THE CHEMICAL EXAMINER GRADE-I, CUSTOM HOUSE LABORATORY CUSTOM HOUSE, KANDLA- 370210, ON OR BEFORE 18-00 HRS ON 18.02.2013

SOME TERMS & CONDITIONS FOR SUBMITTING THE QUOTATION/ TENDERS IS ATTACHED AS ANNEXURE -1

PLACE: KANDLA

DT:20.12.2012

KANDLA

Sd/-
Dr.G.P.SHARMA
CHEMICAL EXAMINER GRADE-I
CUSTOM HOUSE LABORATORY

ANNEXURE-A

ITEM-1: GAS CHROMATOGRAPH

S.No.	Name of Instruments with required specification	Quantity
01	<p>Gas chromatograph Technical Specifications- -Fully Automated Gas chromatograph with auto sampler analysis of Petroleum products, Organic solvents, , Fatty acids profile etc.</p> <p>Gas Control:</p> <ul style="list-style-type: none">• Electronic Pressure control of carrier gas from 0.3 to 50 Psi, programmable with up to five ramps. Maximum total flow 250ml/min• Detector gas control fixed sinter• Option for two channel gas box <p>Instrument Control:</p> <ul style="list-style-type: none">• Keypad, with at least 2 x 16 character backlit LCD• Minimum 5 stored methods• Standard RS232C interface for methods to be stored and loaded from pc using GC control Software• Run line control for recorder, integrators and PC based integration packages <p>Column Oven:</p> <ul style="list-style-type: none">• Should accommodate all capillary columns up to a 7" cage, max length 120m• Packed Column capability as an optional accessory• Temperature range from 15⁰C above ambient to 300⁰C• Minimum 5 ramp temperature programming• Ramp rates up to 40⁰C /min below 200⁰C, and up to 20⁰C /min above 200⁰C• Max isothermal temperature 240⁰C <p>Injector:</p> <ul style="list-style-type: none">• Split / Splitless Injector with Min Temp 60⁰C, Max Temp 280⁰C, Split Linearity better than 3% up to 200:1	01

Detectors: FID

- Temperature range from 100⁰C to 300⁰C, FID minimum detectable quantity is 5 x 10⁻¹² grams of carbon (signal 3x noise level), FID linear range 10⁶

Autosampler:

- Autosampler with minimum 23 sample positions and up to 4 injections per vial selectable in the method setup suitable for overnight runs.

The autosampler should accept either 0.5, 5 or 10 microliter syringes. The injection volume can be set to either 10, 20, 50 or 100% of the syringes volume when setting up a method. The autosampler should have Intelligent Plunger Control to allow for self calibration of zero volume for syringes

Optional accessories

GC system should be quoted with all required accessories PC, Printer, gas cylinders with regulators, capillary and packed columns, Gas purification panels, suitable UPS etc.

ITEM-2: DIGITAL VIDEO MICROSCOPE

Name of Instruments with required specification	Quantity
Optical specification : Magnification 9---65x or better	01
Field of View 0.90’’ at 9X or better 0.14 x 10’’ at 65x or better	
Camera: array size min 1280x1024 (5.0 MP or better)	
S/N ratio 54 db or better	
Min illumination 0.028 lux	
Interface USB 2.0 illumination	
Portable USB powered LED bar Light	
Software Specification: Digital Live Video Advanced labeling, annotation	
Capture still images movies and time-lapse sequences.	
Interactively adjust camera brightness contrast and colour.	
Live digital zoom upto 4X or better.	
Resizable image window upto full screen	
Major on the live image using multiple measurement tools.	
Calibrated for different magnification (Store and recall)	
Add label and markers over the live image. Drag to move.	
Draw freehand on the live image.	
Place a time stamp anywhere on the image	
Capture image directly into your favourite photo editor for further enhancement.	

Item-3: METAL ANALYSER

Name of Instruments with required specification	Quantity
Metal analyzer spectrophotometer which includes PC of latest configuration LCD monitor with all accessories. Open spark and stand pneumatic universal sample holder argon gas cylinder with two stage metal argon regulator.	01
Sample of analyzing following Bases:- Fe-Base: Mild steel/Carbon/LAS/Cr steel and Cr-Ni steel. Cu-Base: Brass/lead brass/Al-Bronze/P-bronze/Pb-Sn bronze/Cu-Ni Al-Base: Al-Si/Al-Si-Cu/Al-Zn with all other accessories.	
Capable of analyzing the element: -Cr, Mn, Ni, Cu, Zn, Mo, Ti, V, Fe, Co, Zr, Nb, Hf, W, Ta, Re, Pb, Ag, Sn, Bi, Sb, Cd, Au, Pt, Pd & Se.	

ITEM4: DIGITAL AUTOMATIC REFRACTOMETER

Name of Instruments with required specification	Quantity
Measurement System: Optical refraction critical angle detection system.	01
Measurement range: 1.3250 to 1.7000	
Refractive Index: Brix 0.0 to 95.0 %	
Minimum Indication Refractive Index (nD): 0.0001 Brix : 0.1	
Temperature: 0.01°C or better	
Measurement Accuracy: Refractive Index (nD): ± 0.0001 Brix: ± 0.1 %	
Measurement Temperature: 5.00 to 60.00°C or better	

Annexure -1

TERMS AND CONDITIONS FOR TENDER NOTICE NO.01 /2012-13

1. **Special Instructions:**

- (i) Bids should be submitted by the Manufacturers or their authorized distributors/ agents/ dealers.
- (ii) Bids shall be submitted on **Two Bid System**, i.e., Technical Bid and Price Bid separately.
- (iii) Technical bid shall consist of all technical details along with commercial terms and conditions
- (iv) Price bid shall consist of item-wise price for the items mentioned in the technical bid
- (v) Single copies of technical and financial bid will be submitted. The technical and financial bids will be kept in separate envelopes duly sealed and super-scribed as technical bid/ financial bid along-with following details thereon.
 - a) Quotation /Tender Number
 - b) Name of the Instrument/ equipment
 - c) Name of the Firm
 - d) Last date of Tender/quotation and Annexure No.
- (vi) Both the sealed envelopes of technical and financial bids will further be placed in another bigger envelope, which will also be properly sealed. This main envelope will also be super scribed with the following details thereon.
 - a) Quotation /Tender Number
 - b) Name of the Instrument/ equipment
 - c) Name of the Firm
 - d) Last date of Tender/quotation and Annexure No.
- (vii) Both the bids, i.e. Technical & Financial must be identical in all respects except that the Technical bid should have blank space at the places where prices have been stated in the Price bid.
- (viii) Bids will be evaluated in two stages. At the first stage, technical bids of the bidders will be evaluated. Price bids will be opened of only those bidders whose technical bids fulfill the prescribed Technical Specification and are accepted by the Technical Committee.
- (ix) The bids should be addressed to Chemical Examiner Grade-I, Incharge Custom Laboratory Kandla
- (x) Prices must be quoted in Indian Rupees on ex Kandla basis

2. **Terms of payment:**

- (i) No advance payment will be made for the supply of the equipment.

- (ii) Payment will be released only after completion of supply, installation, commissioning, demonstration, training and satisfactory performance of the sophisticated Instrument /equipment in the laboratory duly **certified by the Incharge of the Custom Laboratory Kandla**. 100 % payment shall be released against the receipt of material and submission of 10% of order value as performance security to cover the warranty period. In case the performance security is not given by the bidder only 90% amount would be released and 10% would be released after the discharge of all warranty obligations.
- (iii) No interest shall be payable by the Government on delayed payment.
- (iv) The terms and conditions quoted by supplier in the tender/ quotations as well as in pre-receipted bill shall not be binding on the Department.
- (v) Payment will be made direct to the supplier through Demand Draft/ Cheque against pre-receipted bill. No request for other mode of payment will be entertained.

3. Compliance statement and Technical details:

- (i) Specifications mentioned in the bid must be reflected/ supported by the manufacturers' printed technical leaflet/ literature of the quoted item.
- (ii) The quoted model be highlighted in the leaflet/ literature enclosed with the quotation/ Tender.
- (iii) Installation Qualification (IQ), Operation Qualification (OQ), Performance Qualification (PQ) documents should be supplied at the time of installation.
- (iv) The supplier must have adequate background of technical support/application in laboratory.
- (v) Instruments/equipments must conform to accuracy, reproducibility, repeatability and precision for their use as indicated in the specifications.
- (vi) The cost of instrument shall include practical training for operation of the instrument. Training shall be imparted at the place of installation.

4. Warranty and Annual Maintenance Contract (AMC):

- (i) Warranty period of the quoted sophisticated Instrument/ equipment should not be less than one year.
- (ii) Warranty period will start from the date of satisfactory installation of the sophisticated Instrument/ equipment in the laboratory.

- (iii) The AMC charges for the quoted model of the sophisticated Instrument/ equipment for two years after the completion of the warranty period should be quoted.

5. Consumables, Accessories & Spares:

- (i) All essential accessories along with spares of the quoted sophisticated Instrument/ equipment will be supplied by supplier. The prices of these should also be quoted separately with the Instrument/ equipment.
- (ii) Consumables and spares sufficient for two years after warranty period should also be quoted individually in the bid.
- (iii) The laboratory will provide only the electric supply and appropriate space (platform). Pre-installation requirements of the sophisticated Instrument /equipment may also be specified and prices thereto be quoted.

6. General:

- (i) Technical bids/ Quotations will be opened on the specified date i.e. on next working day of the last date. The interested vender or their representative mayattaend in the tender /quotation opening.
- (ii) The bidders/ quotations whose technical bids are qualified and accepted; only their financial bids shall be opened.
- (iii) Sealed Quotation/Tender should be submitted on or before the due date. Department shall have no responsibility for delay or non-receipt of tender document by post. Tenders received after due date and time will be rejected.
- (iv) Separate Quotation/ Tender has to be submitted for each Instrument/ equipment, e.g. those who want to quote for more than one item they should submit separate tender for each item.
- (v) Validity of the prices of the items quoted in the tender should be for minimum period of six month from the date of opening of tender.
- (vi) The equipment should be delivered within two months from the date of award of contract. However, bidder must quote definite delivery period of the equipment.
- (vii) Quotation/Tender should be typed/ computer written and every correction on the quotation/ tender should invariably be signed by the bidder, failing which the tender is liable to be rejected.
- (viii) Bidders will not be permitted to alter or modify their bids after submission of the bids.
- (ix) Photocopies of the recent Income Tax Clearance Certificate, Income Tax TAN No., and Sales Tax / VAT Registration No. shall be submitted.

- (x) Bidder will submit a certificate stating that the firm has not been blacklisted in the past by Govt. / Pvt. Institutions.
- (xi) The basic price per unit of the item must be quoted. Excise duty or any other Taxes/ levies must be quoted separately, and be included in the basic price – of the item, separately. The quotation must indicate the CST/ ST /VAT nos. otherwise will not be paid. In the last a total price of the instrument should be quoted.
- (xii) Discount offer, if any, for the quoted item may also be mentioned in the quotation.
- (xiii) No other charges such as octroi, packing, forwarding, freight, insurance, loading, unloading, etc. will be payable.
- (xiv) In respect of imported goods, the bidder shall also specify separately the total amount of custom duty included in the quoted price. The bidder should also indicate correctly the rate of custom duty applicable for the instrument.
- (xv) Bidder should sign each page of the quotation/Tender document and Annexures.
- (xvi) Department reserves the right to invite the bidders for technical discussions. Bidder should depute competent representative for such discussions whenever invited for and he should be competent to take on the spot decision.
- (xvii) Defective portion of the equipment, if found during warranty period shall be replaced within 30 days on receipt of intimation from the laboratory at the cost of the supplier.
- (xviii) In case of any dispute, the contract shall be interpreted in accordance with the laws of Union of India.
- (xix) The competent authority reserves right to the cancel the quotation/tender in part or in full without intimating any reason thereto.
