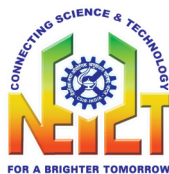


All Communication to be addressed
to the Director, NEIST.

With Attn: Stores & Purchase Officer

Tel; 0376 – 2372710 Fax: 2372921

Email: spopur@rrlriorhat.res.in



NORTH-EAST INSTITUTE OF SCIENCE AND TECHNOLOGY

(Formerly Regional Research Laboratory)
(Council of Scientific & Industrial Research)

JORHAT-785 006, ASSAM, INDIA

BY REGD. AIR MAIL / FAX

File Enquiry No. 1(PEQ)/443/11-12/PUR/T-176 Dated: 08.09.2011

Note: Please send your quotation in sealed cover on or before 28.09.2011 till 2.30 pm which will be opened at 3.00 pm on 28.09.2011.

M/s

Dear Sirs,

Kindly arrange to send your offer in a **sealed cover under TWO BID SYSTEMS (Part I- TECHNICAL BID & Part-II COMMERCIAL BID)** before opening date & time quoting this office file reference to the terms & conditions overleaf:

Sl. No.	Description of item	Qty.
1	<p><u>Specification for Ion-chromatograph:</u> Aerosol analyzer for rapid measurement of water soluble inorganic and organic ions in aerosols equipped with PM₁ or PM_{2.5} or PM₁₀ cyclone separator and Dual Channel Ion Chromatograph (IC). The IC system should collect and analyze the water soluble inorganic fraction of fine particulate matter: 1) anion like Cl⁻, F⁻, Br⁻, NO₃⁻, PO₄³⁻, SO₄⁻, etc., and organic acids. 2) cations like Ca, Mg, Na, K.</p> <p>The system should consist of the following:</p> <p>A. Aerosol Analyser:</p> <ul style="list-style-type: none">✓ Cyclone Separators for PM₁, PM_{2.5} & PM₁₀.✓ Denuders for removing reactive gases in the air sample of acidic and alkaline nature respectively.✓ Particle in liquid sampler consisting of Particle Growth Chamber, Super saturated steam generator and Debubbler.✓ Vacuum Pump – Oil Free.✓ Provision for introduction of suitable internal standard during the entire course of analysis. <p>B. Pumps: Two number of High pressure pumps of serial dual piston type with selectable 0.001 to 10 ml/min flow rate or better in separate housing. Pump should have the following specifications.</p> <ul style="list-style-type: none">✓ Serial dual pistons with two inert check valves.✓ Resolution of flow rate: 0.01 ml.✓ Pulsation: Lower than 1%.✓ Pressure range: 0 – 4000 psi or more. <p>C. Conductivity Detector:</p> <ul style="list-style-type: none">✓ Two numbers of conductivity detector in separate housing for simultaneous analysis of anion and cation should be microprocessor based with a Thermostatic micro-flow cell conductivity block with an accuracy of ≤ 0.0001 °C. The user should be able to set temperature of the conductivity block between 20 – 50 °C.	01

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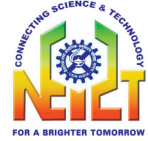
Enquiry No. 1(PEQ)/443/11-12/PUR/T-176. Dated: 08.09.2011

	<ul style="list-style-type: none"> ✓ Conductivity measurement range: 0 – 14000 μS/cm. ✓ Electronic noise < 0.1 μS/cm at 1 μS/cm level. <p>D. Column Housing:</p> <ul style="list-style-type: none"> ✓ Two column housing, one for anion and one for cation and the housing should be able to identify the columns and set the optimal operating conditions for column operations. <p>E. IC Columns:</p> <p>IC Columns for analysis of anions and cations & provision for analyzing Silica down to 1 ppb should be individually quoted with respective guard columns. The Columns should have electronic chip to store data and history of column use. The system should be able to identify the columns once attached to column holder and configure the maximum flow rate and maximum pressure for the column. It should also be possible to record the number of injections and the working hours.</p> <p>F. Injector:</p> <p>Two 6 – Port injector valve in separate housing with fast response time and controlled through software.</p> <p>G. Suppressor:</p> <p>Suppressor should have high loading and high back-pressure tolerance of 350 psi and a flow rate tolerance of 10 ml/min with continuous regeneration. The regeneration of the suppressor should be by external mode with the possibility of controlling the regenerate flow rate. Minimum 9 year warranty on suppressor should be provided.</p> <p>H. Data acquisitions system and software:</p> <p>Total operation of the system should be automatic and the sampling system should be interfaced with the Analytical system using single software. Windows-based chromatographic data system for automatic evaluation of chromatograms. The Software should be able to control the system including detectors, suppressor and other related peripherals.</p> <p>I. The system should not require any gas for the operation so that system can be operated in any remote area.</p> <p>J. Auto-sampler: (Optional):</p> <p>The system should be quoted with Auto sampler having sufficient vial capacity with racks and vials. The complete flow path including the sample needed should be non-metallic.</p> <p>K. Other requirements:</p> <ul style="list-style-type: none"> ✓ Suitable Branded PC & Desk jet Printer should be offered. ✓ User manual and application notes of the aforesaid analysis should be provided along with the system. ✓ Spares & Consumables for minimum two years of operation should be offered as option. ✓ Handbook on ion chromatography should be provided with the system. ✓ Power 230 V AC/50 Hz. ✓ Onsite training. ✓ Users list. 	
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Thanking you,

Yours faithfully,

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[Contd. Page 3]



TERMS & CONDITIONS

The Quotation/Proforma Invoice should show the following information and also accompany the relevant technical literature:

1. Director, NEIST, JORHAT invites sealed bids separately for each item in **two parts (Techno commercial Unpriced & priced bid)**

2) Interested Bidders may obtain further information from the office of the **Stores & Purchase Officer, NEIST, JORHAT, ASSAM.**

3) SPECIFICATIONS: Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our technical specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the bidder eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the bidder/manufacturer and the specifications mentioned in the quotation must be reflected / supported by the printed technical leaflet/ literature. Therefore the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc., to the quoting party.

4) PRICES: a) The prices quoted should clearly indicate price break-up indicating FOB, CIF, installation & commissioning, training, duties and taxes etc.

b) In case of domestic, the offer should contain the basic price and percentage of Excise Duty separately since we are exempted from payment of Excise Duty.

c) In case of import/price quoted in foreign currency, Indian Agent may also quote for FOR NEIST price including inland transportation, insurance, clearance charges, etc., (The charges of inland transportation & Insurance will be at actual against proper receipt or quoted price whichever is lower). NEIST will provide all necessary documents for customs clearance of consignment including Customs Duty Exemption Certificate, etc.

5) TAXES: The percentage rate of sales tax, resale tax, VAT, duties/levies and any other charges etc, should be clearly indicated in the tender, wherever chargeable. The packing charges must also be indicated separately.

6) CUSTOMS AND EXCISE DUTIES: Our Institution is eligible from payment of concessional custom duty and exempted from payment of excise duty vide Government notification No: 51/96-Customs dated: 23rd July 1996 and Central excise duty exemption in terms of notification 10/97 Central Excise dated 01st March 1997.

7) EARNEST MONEY DEPOSIT: The offer should be enclosed with Earnest Money Deposit of **₹ 80,000.00/-** (Rupees Eighty thousand Only) in the form of Crossed Demand Draft / Banker's Cheque / Bank Guarantee valid for 45 days beyond price validity drawn in favour of "**Director, NEIST, JORHAT**" issued by Scheduled/Nationalized Bank payable at JORHAT, India along with offer. Offer without EMD or EMD in the form of Cheque / Cash will not be considered and will be rejected. **No Interest would be paid on the Earnest Money Deposit.**

8) EXEMPTION OF EMD: Indian firms registered with Directorate General of Supplies & Disposals and National Small Scale Industries Corporation may be exempted from payment of EMD if the product being quoted is actually manufactured by them and the product is registered with these agencies. Firms registered with agencies selling products of other companies and not manufacturing the products being quoted by them are not allowed exemption from payment of EMD. Firms are to submit a legible photocopy duly attested, of Registration Certification of the products manufactured and registered with DGS&D and NSIC for availing EMD exemption before opening of Techno-Commercial Bids, Otherwise tender submitted by them will not be considered and summarily rejected.

STORES & PURCHASE OFFICER

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[Contd. Page 4]

Enquiry No. 1(PEQ)/443/11-12/PUR/T-176. Dated: 08.09.2011

9) FORFEITURE OF EMD: The earnest money deposited will be forfeited if the supplier withdraws or amends impairs and derogates from the offer in any respect within the period of validity.

10) REFUND OF EMD: EMD will be refunded within fifteen days after placement of purchase order.

11) PAYMENT: The payment against import of items shall be made with the following options. The quoting party must confirm one of the options in the quotation:

- 80% Payment shall be made after delivery, satisfactory installation, commissioning, demonstration and final acceptance of the ordered items, through foreign demand draft within 30 (Thirty) days and the remaining 20% payment will be made after satisfactory installation & commissioning. **(Or)**
- 100% payment will be made after receipt of material in good working condition and satisfactory installation/commissioning/demonstration provided the supplier submits along with the acceptance of purchase order, a performance bank guarantee or establishes a Standby Letter of Credit (SLOC) through an Indian/foreign scheduled bank in favour of the Director, NEIST, JORHAT for 10% of FOB / CIF value valid for a period of eighteen months (where warranty period is one year). **(Or)**
- Letter of Credit will be opened for 100% FOB / CIF value. 90% of LC amount shall be released on presentation of complete and clear shipping documents and remaining 10% after satisfactory installation/commissioning/demonstration provided the supplier submits along with the Acceptance of purchase order, a performance bank guarantee through an Indian/foreign scheduled bank in favour of the Director, NEIST, JORHAT for 10% of FOB / CIF value valid for a period of eighteen months (where warranty period is one year).

12) All foreign bank charges shall be borne by the supplier.

13) INCOTERMS:

All terms used in the Supply order/contract will have the meaning as described in the **"INCOTERMS-2000"**.

14) Please indicate the name and address of your Indian Agent. Please also indicate the amount of Agency Commission payable to your Indian Agent which will be paid to them in equivalent Indian Currency after the receipt of the consignment in good condition at our Stores and in case of equipment after the satisfactory installation and commissioning. Indian Foreign Exchange & Regulations Act do not permit the Foreign Bidders to include Indian Agency Commission, discount or like rebates allowed in their quoted Ex-works / FOB / CIF value, payable to their Indian Agents directly by them in their currency. Such commission, discount etc. if any must be reflected in your offer so that the same can be deducted by us from the quoted Ex-works / FOB / CIF value.

15) Details of services to be rendered by your Indian Agent.

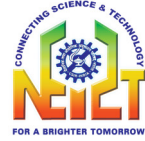
16) Indicate the names of the Indian reputed Organizations where you have supplied the similar equipment and may attach the satisfactory performance report of the equipment from users.

17) If you have supplied identical or similar equipment to other CSIR/Labs/Instt., the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.

18) Fax/e-mail tenders will not be considered.

19) Delivery period & Detailed Terms including period of warranty. The delivery should be within 4 – 6 weeks & the equipment(s) should have a standard warranty of at least one year from the date of installation.

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[Contd. Page 5]



Enquiry No. 1(PEQ)/443/11-12/PUR/T-176. Dated: 08.09.2011

- 20) Please do confirm that service manual shall be supplied along with the supply of material.
- 21) Installation, Commissioning and satisfactory Demonstration of the whole System and Training should be free of cost.
- 22) Conditional discount will not be considered
- 23) Part shipment will not be allowed.
- 24) The offer should be valid for **90 days**.
- 25) Late / delay Quotation received after due date will be rejected summarily.
- 26) The Installation, Commissioning and Demonstration of the system should be completed within two weeks from the date of arrival of the items at NEIST, JORHAT. (The place of installation will be communicated later).
- 27) It is mandatory to indicate the approximate dimensions & weight of the stores/consignments quoted for:
 - (a) Tare Weight; Net weight
 - (b) Volume (LxBxH).
- 28) NEIST, Jorhat has clearing & forwarding agent (C&F) at Kolkata, India. If the bidder is willing to send consignment through the console of our C&F agent, detail address will be communicated.
- 29) Bidders should provide the name and detail address (including E-mail & Mobile No.) of their clearing and forwarding agent.
- 30) **Acceptance quotation: The acceptance of quotation will rest with the DIRECTOR, NEIST, JORHAT who does not bind himself to accept the lowest quotation and reserves the right to himself to accept or reject partially the quotations received, without any assigning any reason whatsoever.**

NOTE: THIS IS ONLY AN ENQUIRY AND HENCE PLEASE DO NOT DESPATCH THE GOODS UNTIL YOU RECEIVE A FIRM PURCHASE ORDER

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