



सत्यमेव जयते

भारत सरकार/ GOVERNMENT OF INDIA

अंतरिक्ष विभाग/ DEPARTMENT OF SPACE

भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान/INDIAN INSTITUTE OF SPACE SCIENCE & TECHNOLOGY

क्रय एवं भंडार विभाग / PURCHASE & STORES DEPARTMENT

वलियमला पीओ., तिरुवनंतपुरम 695 547/ VALIAMALA P.O, THIRUVANANTHAPURAM 695 547,

केरल, भारत/ KERALA, INDIA

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निविदा आमंत्रण / INVITATION TO TENDER

Date : 07.08.2015

Tender Due on : **22.09.2015 at 14.00 Hrs.**

Tender opening on: **23.09.2015 at 10.30 Hrs**

Dear Sirs,

Separate Sealed TWO PART tenders are invited from accredited manufacturers/suppliers for the supply of the following equipments:

Sl. No.	Tender No.	Item Description	Qty/ Nos.	Cost of Tender (Rs.)
1.	2015002594	ESI Mass Spectrometer <u>Specifications :</u> 1. <u>Ion Source</u> : Electrospray ionizations (ESI) 2. <u>Mass Analyzer</u> :- Quadrupole – Time of flight (Q-TOF) <ul style="list-style-type: none">• Mass range (100-20000 m/z or above) – mass range of each analyzer should be specified• Mass accuracy (less than 5 ppm)• Resolution (resolving power) (10000 or above)• Full scan sensitivity to be specified in terms of reserpine (ng/mL range)• Polarity switching should be possible.• MS/MS capability. 3. Syringe pump for direct infusion. 4. Acquisition rate : Minimum of 20 or better spectra/second in 100-1000m/z range(MS mode). 5. Automatic calibration and auto tuning. 6. Suitable nitrogen generator. 7. On-site application as well as maintenance training. 8. Software for quantification, molecular formula determination.	1 No.	500+VAT @ 5% (525/-)

		<p>9. Deconvolution software.</p> <p>10. <u>Warranty for 3 years and AMC charges for next 2 years to be quoted separately for ESI Mass Spectrometer.</u></p> <p><u>Optional</u></p> <ul style="list-style-type: none"> Atmospheric pressure ionization (APCI) and atmospheric pressure photoionization (APPI) sources. Provision for up gradation with desorption electro spray ionization (DESI) source. HPLC System with quaternary gradient with auto sampler (pressure range: up to 1000 bar or more) 		
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Specifications of Desktop Computer :

Processor	Intel ® Core™ i5 or better (3.4Ghz, 5MB cache, 2 core)	
Operating System	Windows 8/64	Or-should be compatible with software for mass spec.
Memory	Minimum 4GB or more	
Hard Drive	1 TB	
Monitor	Minimum 18.5" (46 cm.)	
Software	Microsoft office 2010 or later	
Video Card	Integrated graphics required	
Optical Drive	16 x DVD +/-RW Drive	
Mouse	Optical Mouse/Wireless	
Keyboard	Multimedia Keyboard	
I/O Port	USB 3 USB 2	Rear : 4-USB 2.0 2- USB 3.0
Warranty	Minimum : 1 year	

Specifications of Laser Printer :

Power Requirements	AC 220 to 240V: 50/60Hz
Operating Environment	Temperature:10 to 30°C
Printing Method	Laser
Print Speed	Between 20-25 pages per minute
Print Resolution	600 x 600 dpi
Network Security (Wireless)	WEP 64/128 bit, WPA-PSK(TKIP/AES), WPA2-PSK(AES), 802
Operating System Compatibility	Windows®7 (32/64 –bit) Windows ®XP (32/64 –bit) Windows®Vista (32/64 –bit), Mac OS x 10.4.9 & Up
Standard Interface(s) (wired)	USB 2.0 Hi-Speed, 10/100 Base- T/Base-TX Ethernet (Network)
Warranty	Minimum : 1 year

Commercial terms and Conditions Tender No. 201500259401 dated 07.08.2015

1. General Requirements:

- 1.1 Detailed Catalogue/ Data Sheet of the quoted item should be attached along with Technical Part.
- 1.2 Clientele List should be attached along with Technical Part.
- 1.3 Performance Letter from the Clients should be attached along with Technical Part.
- 1.4 ***Detailed Compliance Sheets for ESI Mass Spectrometer, Desktop Computer and Printer are to be attached along with Technical Bids for evaluation. Without detailed Compliance sheet, your offer shall summarily rejected.***

2. SPECIAL INSTRUCTIONS TO TENDERERS

- 2.1 **The bidder is required to submit quotation for the entire scope in TWO PART viz, Technical and commercial bid and price bid separately. The first cover shall contain the technical and commercial details along with the format of price quotation without the price superscribing in the cover “Technical and Commercial-Tender No. 2015002594 Due on 17.09.2015. The second cover shall contain the prices superscribing in the cover price bid- Tender No. 2015002594 Due on 17.09.2015. All the covers will be sealed and insert in another cover superscribing the Tender No. 2015002594 Due on 17.09.2015 and submit immediately but not later than the due date mentioned against each tender. If the tender is received after the due date and time will be treated as DELAYED TENDER and the same shall be summarily rejected.**
- 2.2 **The cost of tender stated against each tender shall be submitted *along with Technical & Commercial bid by Demand Draft* drawn in favour of the Accounts Officer, IIST and payable at State Bank of India, Valiamala Trivandrum-695 547. *In case the Demand Draft is not enclosed with the quotation, the bid shall be summarily rejected.***
- 2.3 **Test certificate:** Wherever required, test certificates should be essential.
- 2.4 **Payment:** Our normal payment term shall be E-Transfer / within 30 days after supply/installation and acceptance for imports and indigenous respectively.
- 2.5 **The installation and commissioning of equipment will be at our campus at Valiamala, Thiruvananthapuram- 695 547, Kerala. All pre-requisites such as foundation drawing, grouting and any consumables needed for carrying out the installation, if applicable, shall be separately mentioned in the technical bid.**

- 2.6 Delivery terms shall be Ex-works/FOB/FCA for imports and FOR, Valiamala for indigenous items.
- 2.7 For import cargoes, the purchase order shall be drawn directly to the foreign supplier through agents, if any, in India. We have our own freight forwarder who will take delivery and dispatch the item to Trivandrum Airport and customs clearance at Trivandrum shall be done by us.
- 2.8 All duties and taxes, if applicable shall be quoted separately.
- 2.10 Accreditation documents such as current income tax/sales tax clearance certificate, clientele list with previous experience in the similar lines of supply must be provided with documentary evidence), Performance Certificate, authorization for import, after sales support in India etc. shall be explained in detail with proof.
- 2.11 **Earnest Money Deposit (EMD):-** Interest free EMD to ensure the earnestness of the vendor in the participation of the procurement process to the tune of **Rs.3,000,00/- (Rupees Three Lakh only)** by Demand Draft drawn in favour of the **Accounts Officer, IIST**, Valiamala, Trivandrum may be enclosed with Technical & Commercial bid sealed cover. The EMD will be refunded to the unsuccessful tenderers within 30 days after placement of Purchase Order.
- 2.12 **Security Deposit:-** Interest free Security Deposit @ 10% of the value of Purchase Order shall be payable by successful vendor for satisfactory execution of the Purchase Order immediately after receipt of PO.
- 2.13 Performance Bank Guarantee equivalent to 10% of order value shall be submitted by the Vendor for Warranty obligation (Warranty Period of 3 years + 2 months for Item No.1 and one year + 2 months for item Nos. 2 & 3).
- 2.14 **Liquidated Damages:** The period of completion indicated shall be the essence of the contract. In the event of delayed date of completion, the liquidated damages @ 0.5% per week or part thereof subject to a maximum of 10% of the contract value shall be recovered.
- 2.15 **Force Majeure:** During the continuance of the contract, should a part or whole of the items covered by this contract be delayed in delivery due to reasons of force majeure condition which shall include lockouts, strikes, riots, civil commotions, fire, flood, windstorm, explosion, labour disturbance, act of any Govt. or any agency, judicial action, sabotage act of civil disobedience, act of public enemy, technical failure, accidents, acts of God and war, stoppage of deliveries by Govt. etc, each party undertakes to advise the other as soon as it becomes a way of the circumstance of such force majeure, so that action under the provisions of this contract can be mutually reviewed and agreed upon between contractor and IIST. If the force majeure condition extended over a period of six months, both the parties of the contract shall mutually discussed and arrived at an agreement for the continuation/ termination of the contract forthwith.

- 2.16 **Arbitration:** Dispute if any shall be settled mutually, failing which, it will be referred to a one-man arbitrator appointed by Director, IIST in accordance with the Arbitration and Conciliation Act, 1996 and any alteration/modifications thereof, whose decision shall be final and binding on both the parties
- 2.17 **After Sales Service Support:** The stock availability of spares and consumables for a minimum period of 5 years for up keeping the equipment shall be guaranteed to avoid obsolescence of systems.
- 2.18 **AMC:** The charges towards Annual Maintenance Contract (Comprehensive/Non-Comprehensive) beyond the normal warranty period may be quoted separately as option.
- 2.19 IIST reserves the right to either accept/reject any tender/s without assigning any reason/s whatsoever.
- 2.20 **Separate quotations shall be submitted for each tender along with the tender fee by demand draft.**
3. **Terms & Conditions of Tender Form No. DOS PM:20, Form No. DOS PM:22 & Form No. DOS PM:23 as per attachment.**

Sd/-
(M.B Subash Chandran)
Sr. Purchase & Stores Officer
For and on behalf of Registrar, IIST