



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  
Ph No.:0471-2568451/ Tele Fax:0471-2568406/ E-mail : purchase@iist.ac.in

**निविदा आमंत्रण / INVITATION TO TENDER**

**Date : 05.05.2017**

Tender Due on : **20.06.2017 at 14.00 Hrs**

Tender opening on: **21.06.2017 at 10.30 Hrs**

Dear Sirs,

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

| Sl. No.               | Tender No.   | Item Description                 | Qty/ Nos. | Cost of Tender (₹.)  |  |
|-----------------------|--|----------------------------------|-----------|----------------------|--|
| 1.                    | 2016003818   | <b>TERRESTRIAL LASER SCANNER</b> | 1 No.     | 500+VAT @5% (₹525/-) |  |
|                       |  | <b>Specifications :</b>          |           |                      |  |
|                       |  | <b>PARAMETER</b>                 |           |                      | <b>IIST REQUIREMENT</b>  |
|                       |  | Minimum Measurable Range         |           |                      | 350m   |
|                       |  | Laser Wavelength                 |           |                      | NIR  |
|                       |  | Ranging Error                    |           |                      | 5mm or less @ 100 m  |
|                       |  | RGB Camera                       |           |                      | Integrated RGB Camera, Mn. 20 MP<br>( If camera is not part of the main instrument, external RGB camera compatible with main equipment with interface, mounting and power supply making part of the standard supply will also be considered) |
|                       |  | Vertical Field of View           |           |                      | Min. 100 <sup>0</sup>  |
|                       |  | Horizontal Field of View         |           |                      | 360 <sup>0</sup>   |
|                       |  | GPS                              |           |                      | External / Integrated GPS<br>(if GPS is not integrated part of the main instrument, external GPS compatible with main equipment with interface, mounting and power supply making part of the standard supply will also be considered)        |
| Instrument Controller | If the operation of the instrument requires a laptop or similar computer equipment, IIST would like to use its own resource for this purpose. The vendor should provide the detailed minimum, specifications of the control unit so that IIST would arrange the same use. Further, the vendor should supply all the necessary interfacing between instrument and control unit, interfacing cables, |                                  |           |                      |  |

|  |  |                              |  |  |  |
|--|--|------------------------------|--|--|--|
|  |  |                              | and software for this purpose.   |  |  |
|  |  | Software                     | Software for instrument control, data acquisition and post processing (Calibration, filtering format conversion etc.)  |  |  |
|  |  | Platform                     | Compatible tripod (height of at least 2m) based platform (this item can also be quoted local supply)   |  |  |
|  |  | Power and Interfacing cables | Power: AC/DC adaptor to operate the instrument indoors and batteries (3 Nos; one standard and two spare) for outdoor operation, battery charger. All the necessary interfacing cables among instrument and control unit.   |  |  |
|  |  | Installation & Training      | On-site Installation and one day training.   |  |  |
|  |  | Warranty                     | One year Warranty (Details such as the list of services included, and year-end calibration of laser, who bears transport / freight charges etc. need to be mentioned).<br>Additional two years warranty after expiry of the first year. Vendor should quote separately the cost of warranty for this 2 year period with details such as the list of services included, transport / freight charges etc. need to be mentioned. Calibration of laser is a mandatory service. |  |  |
|  |  | Carry Case                   | Hard and water proof carry case for the instrument   |  |  |

**1. General Requirements:**

- 1.1 Detailed Catalogue/ Data Sheet of the quoted item.
- 1.2 Clientele List
- 1.3 Performance Letter from the Clients.
- 1.4 ***Detailed Compliance Sheets for Terrestrial Laser Scanner is to be attached along with Technical Bids for evaluation. Without detailed Compliance sheet, your offer shall summarily reject.***

**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. 2016003818 Due on 20.06.2017. The second cover shall contain the prices superscribing in the cover price bid- Tender No. 2016003818 Due on 20.06.2017. All the covers to be sealed and insert in another cover super scribing the Tender No. 2016003818 Due on 20.06.2017 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, 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 **Senior 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 to be done at our campus, Valiamala, Thiruvananthapuram-695 547. 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.
- 2.7 For import cargoes, the purchase order shall be drawn directly to the foreign supplier through agents in India. We have our own freight forwarder 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 **Guarantee & Replacement:**
- a) The contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.
  - b) For a period of twenty four (24 months) months after the acceptance of the stores, if any defects are discovered therein or any defects therein found to have developed under proper use, arising from faulty stores design or workmanship, contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 14 months from the date of acceptance thereof by the Purchaser who shall state in writing in what respect the stores or any part thereof are faulty.
- 2.12 **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 ₹80,000/- by Demand Draft drawn in favour of the Senior 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. EMD will be forfeited in case the vendor withdrawn from the quotation.
- 2.13 **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.
- 2.14 **Performance Bank Guarantee:** 10% of order value shall be submitted by the Vendor for Warranty obligation.
- 2.15 **Liquidated Damages:** The period of completion indicated shall be the essence of the contract. In the event of delayed date of delivery & Installation, the liquidated damages @ 0.5% per week or part thereof subject to a maximum of 10% of the contract value shall be recovered.
- 2.16 **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.
- 2.17 **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

- 2.18 **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.
- 2.19 **AMC:** The charges towards Annual Maintenance Contract (Comprehensive/Non-Comprehensive) beyond the normal warranty period may be quoted separately as option.
- 2.20 IIST reserves the right to either accept/reject any tender/s without assigning any reason/s whatsoever.
- 2.21 **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.**

हस्ताक्षर/ Sd/-

व. क्रय एवं भंडार अधिकारी

Sr. Purchase & Stores Officer

निदेशक, आईआईएसटी के लिए और उनकी ओर से

for and on behalf of Director, IIST