

**SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY
SURAT – 395 007**



**SHORT TERM TENDER DOCUMENT
(TECHNICAL & PRICE BID)**

**FOR
SUPPLY OF
INSTRUMENTS FOR EXPERIMENTAL
STRESS ANALYSIS LABORATORY**

**YEAR
2011-12**

APPLIED MECHANICS DEPARTMENT

S V NATIONAL INSTITUTE OF TECHNOLOGY, ICHCHHANATH,
SURAT – 395 007

SHORT TERM TENDER NOTICE

Sealed Tenders are invited for the supply Installation and Commissioning of various instruments for Experimental Stress Analysis Laboratory in Applied Mechanics Engineering Department.

The Blank Tender documents along with specifications will be available from the Applied Mechanics Department of the Institute on payment of Tender fee (Non-Refundable) of Rs. 2,000/- by cash drawn in favor of **Director, SVNIT, Payable at Surat**. The Tender document can also be downloaded from SVNIT Website www.svnit.ac.in in case of which the tender fee in terms of Demand Draft of Rs. 2,000/- shall be deposited with the tender. The blank tender documents will be issued from 17/02/2012 to 07/03/2012 between 10:00 am and 4:00 pm on all working days (Monday to Friday, except public holidays & institute holidays) and to be submitted duly filled between **17/02/2012 to 09/03/2012** (except public holidays & institute holidays) up to 4:00 pm by Registered Post or Speed Post only. Late receipt of tender will not be considered under any circumstances.

DIRECTOR



**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY SURAT -
395007**

TENDER FORM

1. Tender Form downloaded/ issued by :
M/s. _____

Nature of Work: Supply, Installation and Commissioning of various Instruments for
Experimental Stress Analysis Laboratory .

3.	Issue/Downloading of the Blank Tender Form	:	17/02/2012
4.	Last date of issuing Tender form	:	07/03/2012 (upto 16:00 hrs)
5.	Last date of Submitting the Tender offer	:	<u>09/03/2012 (up to 16:00 hours)</u>
6.	Date of opening the Tender	:	<u>13/03/2012 (at 16:30 hours)</u>
7.	Tender form fees	:	Rs. 2000/- if paid cash/DD Paid by DD in favour of "Director, S. V. National Institute of Technology, SURAT", Must be enclosed with tender document. By Crossed Demand Draft No. _____ dated _____ Drawn on _____
8.	Tender reference no.	:	AMD/SVNIT/Tender-ESA LAB/11-12
9.	Total estimated Cost of item. (With Supply Installation, Commissioning, testing & Training)	:	Rs. 8,00,000/-
10.	Earnest Money Deposit	:	2% of rate of item quoted i.e. Rs. 16,000/- By Crossed Demand Draft No. / Bank Guarantee _____ dated _____ drawn in on _____ payable at Surat. Receipt No. _____ dated _____.
11.	Time Limit	:	90 days (supply, installation, Commissioning Testing & Training).

The Earnest money of above amount will have to be paid by Crossed Demand Draft in favour of "Director, S. V. National Institute of Technology SURAT", and enclosed along with the tender documents. EMD shall not bear any interest and without this amount, the Tender shall not be considered. No correspondence in this regard shall be entertained

12.	Name of the Authority	:	The Director S V National Institute of Technology, Surat – 395007 (Gujarat)
			Tender Issued to the above party
			Head, Applied Mechanics Department

TENDER DOCUMENT

This tender document contains :

- i) Schedule of Tender
- ii) Terms & Conditions
- iii) General Terms and Conditions
- iv) Declaration
- v) Technical Specification for instruments

List of Instruments to be procured for the Engineering Mechanics Laboratory from the Lab Development Fund of Applied Mechanics Department

Sr. No.	Item	Quantity	Unit/Nos.
1.	Diffused light Polariscope with white/monochromatic light source with loading arrangement (18"dia) with accessories Detail specifications for the same are given as below	1	1
<p>Broad Specifications</p> <ul style="list-style-type: none"> • Representation of mechanical distribution of stress in photoelastic experiments • Two plane polarisation filters as polariser and analyser • Two quarter wave filters to generate circular polarized light • All filters with 360° angle scale and marking of the main optical axis • White light generated using a fluorescent tube and two incandescent lamps • Monochromatic light (colour yellow) generated using a sodium vapour lamp • Filters roller bearing mounted and rotating. • Frame cross-arms height-adjustable. • Generation of compression or tension forces by means of a threaded spindle. <p>Technical Data :</p> <ul style="list-style-type: none"> • Light source (lamp box with white diffuser) and 2 sets of polarization filters, quarter wave filters and filter holders etc • Incandescent lamps, candle bulb, matt inner, • 235V, 25W , for monochromatic light (color yellow) • Sodium vapour lamp SOX 35, 35W. • Filter, enclosed in glass, diameter: d=425 to 450 mm. • Frame with load application device has size of (L x B x H): (800mm x 600mm x 750mm) respectively with weight approx 45 to 50 kg. • 1 set of instructional material/manual. <p>Accessories :</p> <ul style="list-style-type: none"> • Set of 5 Photoelastic Models • Model-Arch • Model-Crane Hook • Set of 3 Photoelastic Models, Comparison of Notches • Photoelastic Model Material in Panels 650mm x 400mm x 10mm • Ring Dynamometer 500 N • Ring Dynamometer 2000 N 			

Terms & Conditions

Please Fill up the Following Details

1. Mode of Delivery : F.O.R. Institute Basis
2. If exclusive, the rate of packing, forwarding and freight charge etc. must be specified clearly. : _____%
3. Taxes : Exclusive / Inclusive
 - (a) If exclusive, rate of
 - (1) Sales Tax : _____%
 - (2) Surcharges on S.T. : _____%
 - (3) C.S.T. : _____%
 - (4) Service Tax if any : _____%
4. Excise duty : Exclusive / Inclusive
Rate of Excise duty, if applicable : _____%
5. Delivery Period **including installation, Commissioning & Testing, Training of the equipment supplied** : _____ Days
6. Payment : _____ Days after commissioning & Testing and Training of the equipment
7. Validity : _____ Days
8. Discount to Academic Institute : _____ %
9. Warranty : **3 Years Minimum (Mandatory)**
10. Telephone No. :
Fax No. :
E-Mail Address :
11. Remarks :

**SIGNATURE OF THE PARTY WITH
FULL ADDRESS & STAMP**

NOTE: Tender No., Date with due date and quotation for the item should be mentioned on your envelope.

III - General Terms and Conditions

1. The Tender for items (equipment/apparatus) must be submitted with the name of equipment / instrument / clearly mentioned on the top of the envelope separately for each equipment along with the Tender Reference Number. The offer should be complete with set of manuals, catalogue, technical literature, user's manual and other relevant manuals.
2. **Tender shall be submitted in two parts for each equipment/apparatus separately in separate envelop.**
Part – I - Technical Proposal
Part – II - Financial Proposal
Each of the above mentioned two parts shall be sealed in separate envelopes duly superscribing Part – I (Technical Proposal) and Part – II (Financial Proposal) on the respective envelopes for each equipment/apparatus separately. The two envelopes (Technical proposal and Financial Proposal) shall be put under one sealed cover duly superscribing the name of the equipment. Please read the specification carefully before submitting the proposal.
3. The bidder shall submit the following information in the Technical Proposal:
 - i) Organization Profile along with audited financial reports of last 3 years
 - ii) List of similar supply orders received from reputed organization in past three years. At least three such supply orders received and executed by the firm since last three years, would be mandatory requirement for acceptance of the tender.
 - iii) List of equipment supplied in past along with their specifications and present Deployment
 - iv) An undertaking that financial proposal does not contain any condition (s)
 - v) Deviations if any shall be mentioned in the technical proposal itself.
4. The bidder shall submit only cost along with breakup as per BOQ in the financial bid. The financial bid shall not contain any conditions. The BOQ shall also contain cost of extra items as proposed by the bidder in the technical bid.

5. The rates shall be quoted including standard accessories and spares etc. to be supplied with the unit. The detailed specifications, physical dimensions, guarantee period after sale services etc. should also be clearly stated.
6. The purchaser being an Educational Technical Institute, the concession applicable in rates / taxes under State / Central Government notification should be considered while New Equipment Tender (Experimental Stress Analysis Laboratory) quoting. Though Institute cannot issue 'C' or 'D' forms, a certificate regarding the exclusive use of equipment/Instrument to be procured for the purpose of teaching/research can be issued if any concession in this regard be made available to the purchaser, CST shall be charged at concession rate on scientific equipment/instruments as per notification of the state in which city is situated. The certificate for CST concession (Concessional rate of Central Sales Tax) for availing concessional rate will be issued by this Institute in respect of its purchase made in course to Inter-State trade or commerce from dealer/manufacturer outside the Gujarat State.
7. In case of the **authorized dealers quoting on behalf of manufacturers a copy of certificate stating that the equipment being quoted by the party** is on behalf of the concerned manufacturer and manufacturer undertake the responsibility to provide the after sales maintenance of the equipment must be enclosed. Also, the dealership certificate must be enclosed with the tender documents.
8. Team of expert shall visit the site/factory of manufacturer prior to awarding the work. If on the visit of team of expert to the firms in India, it is found that the firm is not having proper infrastructure/capacity for development/manufacture of the quoted equipment/apparatus; the tender of the firm will be rejected.
9. The rate should be inclusive of all taxes with F.O.R. destination at Sardar Vallabhbhai National Institute of Technology Surat. The rates must be quoted as per format specified in the **SUMMARY SHEET**.

Note: (1) The Institute cannot issue 'C' or 'D' forms for tax concessions

(2) The Institute is exempted from the payment of the Octroi duty to the out side party situated beyond Surat Municipal Corporation Octroi limits. Necessary certificate for the same shall be issued on submission of Invoice and RR/Goods Consignment (LR) in the name of the consignee only.

10. The Supplier shall complete the installation and commissioning of the entire system within the stipulated time period after the confirmation of order.
11. The supplier should clearly state the delivery period and time required for installation and commissioning of equipment from the date of receipt of firm order. But, it should be within 12 weeks from the date of purchase order. In case, if the supplier anticipates

delay in delivery of any or all items due to the reasons beyond his control, the supplier shall apply for suitable extension stating the reasons for the same and state his expected date of delivery. The Institute, if feels suitable, may extend the date of delivery.

12. In case of delay in satisfactory completion of work, a penalty of 5% (five percent) of the total value of the ordered unit will be levied for each week of delay or part thereof.
13. The supplier or the Indian representative should install the system and bring in to complete operation, at a location of the purchaser's choice and to satisfaction, without any charge.
14. The supplier or the Indian representative should give performance warranty for
 - i) The complete system for the warranty period specified by the supplier from the date of the completion of the satisfactory installation.
 - ii) The warranty period in no case shall be less than **Three** years from the date of satisfactory installation.
15. The supplier or the Indian representative should provide necessary training, for two persons for operation and one person for servicing of the entire system. No extra charges will be paid for the training.
16. The supplier shall arrange for repair/replacement of the defective/worn out components of the unit at this Institute premises during the warranty period at purchaser's first instructions within 15 (fifteen) days. This will be carried out at the cost of supplier and no charges whatsoever will be paid including T.A. and D.A. of the Service Engineer for the same.
17. In the event of material supplied are not being in accordance to the specifications of items ordered or is found in damaged condition, the supplier will at his cost and risk, arrange to replace the same without any claims whatsoever for the same.
18. The tender, as quoted once shall be considered final. No change, alterations and modifications shall be permitted at a later stage. Incomplete tenders will be rejected without assigning any reason.
19. The supplier shall provide user's list and the certificates of satisfactory operation of the unit from at least three organizations, like IITS and NITs, to which the similar unit has been supplied during past three years.
20. The **validity** of the Tender may be kept open for a minimum period of **90 days** after the receipt of the offer. However, it is desirable to have a longer validity period.
21. **The Earnest Money Deposit: 2% of the total quoted rates for each equipment separately.** The Earnest money will have to be paid by Crossed Demand draft drawn in favour of **Director, S. V. National Institute of Technology, Surat**, and enclosed along

with the Tender documents. This amount will be refunded later (only after satisfactory execution of the purchase order), on receipt of written request from supplier. EMD shall not bear any interest. Tender document without EMD amount shall not be considered. No correspondence in this regard shall be entertained. **NOTE:** The work will be awarded separately for each equipment/apparatus. After receiving the purchase order, if the supplier is failed to execute the order, the EMD will be **forfeited** and institute will be constrained to make note of this for necessary action against the party.

22. The supplier shall provide **technical / service manual, operation/ installation manual along with calibration charts free of cost.**

23. Supplier should clearly mention the after sales service facility / capability and provide the same during guarantee / warrantee period. In case the unit is internationally certified for quality and bears the ISO 9000 or TQM certification, a copy of relevant certificate may be enclosed. Such equipment shall be given preference.

24. **Payment:**

- i) Advance payment will not be made.
- ii) 80% of the total amount will be paid on supply of equipment and after checking of specification and installation and successful commissioning of the equipment.
- iii) Remaining 20% of the total amount will be paid after 6 months from date of installation and successful operation of the equipment, on receipt of a request letter from the supplier.

This Institute is a Technical Education National Institute under MHRD, Govt. of India. The Government Auditors have objected for making payment in a Advance against delivery / documents through Bank and hence, the payment is normally made by cheque drawn on the SBI, SVRCET Branch, Surat within a period of 30 days from the date of satisfactory installation of unit / Supply of Item. In any case no advance payment will be made.

25. The goods are required to be duly insured with any Nationalized Insurance Company and the insurance charges will be borne by the institution against the relevant documents of the insurance company.

26. **The Director reserves the right to increase or decrease the quantity of the tender items or split of the Item/Items of the tender. Rights are also reserved with the Director to reject any or all the tenders without assigning any reasons thereof.**

27. In case of any dispute, the matter will be subjected to SURAT jurisdiction only.

28. The tender for equipment must be sent in sealed envelope with the superscription

“TENDER FOR THE SUPPLY OF EQUIPMENTS/APPRATUS FOR EXPERIMENTAL

STRESS ANALYSIS LABORATORY” and addressed to The Head, Applied Mechanics Department, Sardar Vallabhbhai National Institute of Technology Surat-395 007.

NOTE: 1) The tender may be accompanied with an undertaking from the party / supplier that the terms and conditions of the tender are acceptable and binding on the party/supplier.

2) Please return this copy of terms and conditions duly signed and stamped along with the tender documents on or before the due date.

DIRECTOR
S. V. National Institute of Technology

P.T.O

IV. DECLARATION

I/We hereby declare that the terms and conditions of the Tender stated herein, and as may be modified / mutually agreed upon are acceptable and binding to me/us.

Name and Address of Name and Signature of Tenderer
Supplier/Manufacturer with Office Stamp

Place: _____

Telephone No: _____

Fax Number: _____

Email: _____

Mobile No.: _____

Date: _____