

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



TENDER DOCUMENT

SUPPLY OF

SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE

AT

**TRANSPORTATION ENGINEERING LABORATORY
CIVIL ENGINEERING DEPARTMENT
S. V. NATIONAL INSTITUTE OF TECHNOLOGY
SURAT – 395 007, GUJARAT**

2017-18

TENDER NOTICE

Sealed Tenders are invited for SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE at Transportation Engineering Laboratory in Civil Engineering Department. The Tender details documents, technical specifications of SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE, schedule of issue, receipts of Tender documents are available on Institute website www.svnit.ac.in.

DIRECTOR

TENDER DOCUMENT FOR SUPPLY OF SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE AT TRANSPORTATION ENGINEERING LABORATORY IN CIVIL ENGINEERING DEPARTMENT AT SVNIT, SURAT

Tender reference no: CED/TEL/Tender/2017-18/4599

Date: 29.01.2018

Section I: PREAMBLE

The Sardar Vallabhbhai National Institute of Technology, Ichchhantah, Surat (SVNIT, Surat) invites sealed bids from eligible bidders for **Supply, Installation, Commissioning and training of laboratory personnel for use of SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE at Transportation Engineering Laboratory in Civil Engineering Department** as per the requirements & technical compliance, defined in the section “**Schedule of Technical Requirements**” in this tender document; at the terms and conditions specified in the section “**General Terms & Conditions**”.

- The entire tender document comprises of various sections, as listed below:
 1. Preamble (this page)
 2. Schedule of Tender
 3. Tender Form, Covering letter
 4. Schedule of Technical Requirements
 5. General Terms & Conditions
 6. Declaration to be honored and signed by the bidder
 7. Summary Sheet
- The tender form should be downloaded from the institute website; the **tender fees have to be remitted with the bid**. Without the tender fees being remitted, the tender will not be considered. For tender fee, the Demand Draft in favor of **Director, Sardar Vallabhbhai National Institute of Technology, payable at Surat** must be submitted along with tender document.
- All bids must be accompanied by a **bid security** as specified in the bid document and must be delivered to the above office latest by the date and time indicated.
- Bids will be opened in the presence of Bidders' representatives who may choose to attend on the specified date and time.
- In the event of the date specified for the bid receipt and opening, being declared as a closed holiday for SVNIT, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
- **The bid from the vendor who is found in fraud activity with SVNIT or on the name of SVNIT shall not be allowed for bidding and the bid from such vendor will not be accepted and will be rejected. The bid submitted in consortium with such vendor will not be considered, and if such information is found later, then the work order issued will be terminated immediately without any notice.**

Section II : SCHEDULE OF TENDER

1. Issue of the Blank Tender Form 27th January 2018
2. Last date of submission of Tender at SVNIT: 23rd February 2018 (before 3:00 pm)
3. Date of Opening of Technical proposal: 25th February 2018 (before 3:00 pm)
4. Date of Opening of Financial proposal: 27th February 2018 (before 3:00 pm)
5. Place of opening of bids: Office of Head
Civil Engineering Department, SVNIT, Surat
6. Address for communication: Director, S V National Institute of
Technology, Ichchhanath, Surat –
395007
7. Tender fee of Rs. 2,000/- (Rupees Two
Thousand Only) to be remitted with tender by
DD drawn in favor of “Director, SVNIT-
MHRD Fund, Surat.” D. D. No. _____ Date : _____
Name of Bank : _____
Branch : _____
8. EMD of Rs. 1,00,000/- (One Lakh Rupees
Only) to be remitted with tender by DD/FDR
drawn in favor of “Director, SVNIT-MHRD
Fund, Surat.” D.D. / FDR No. _____ Date : _____
Name of Bank: _____
Branch: _____

Important Notes:

- Demand Draft of EMD and Tender Fee must be separate Otherwise tender will be rejected.
- Tender offers must be sent by Registered Post A.D./Speed Post/Hand delivery only during office hours
- Price in Indian Rupees at F.O.R SVNIT, Surat should be quoted for cases where the equipment's are to be imported by the party on behalf of the institute.

SECTION-III: TENDER FORM

FROM : _____

To,
The Director,
SVNIT, Surat

Sub.: Tender for Supply of SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE at
Transportation Engineering Laboratory in Civil Engineering Department at SVNIT, Surat

Sir,

With reference to above, we submit the following particulars of our Firm/Agency.

1. Name of the firm & address with direct phone numbers :

2. Name of the proprietor/chief of the firm :
3. Registration number & date :
4. Date of Establishment

AUTHORIZED SIGNATURE WITH STAMP

Signature of the Binder with Stamp:

Page No. 5 of 18

Section IV: Schedule of Technical Requirements

Technical Specifications for SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE

A versatile pneumatic universal testing machine for application of static and dynamic loading to test specimens. Meets the requirements of the following standards:

- (i) **Modulus** : EN 12697-26 Annex C, EN 12697-26 Annex D & E, ASTM D7369, ASTM D4123, ASTM D3497, AASHTO TP31, AASHTO TP62 / TP79
- (ii) **Fatigue**: EN 12697-24 Annex E, ASTM D7313 DCT (Disc shaped compact tension test), EN 12697-44 SCB (Semi-circular bending test)
- (iii) **Permanent Déformation**: EN 12697-25 Methods A & B, DD 226
- (iv) **Simple Performance Tests**: Dynamic Modulus; Flow number, Flow time, NCHRP 9-19; NCHRP 9-29
- (v) **Unbound Material Tests**: AASHTO T307, NCHRP 1-28A, EN13286-7

Includes:

- Festo high precision ceramic spool servo-pneumatic valve
- Double acting low friction 30 mm stroke SMC actuator with integral Penny & Giles stroke transducer
- Stainless steel test frame with adjustable height capacity
- ± 20 kN capacity Interface Force load transducer
- cDAC - Data acquisition system:
 - Fully expandable
 - Up to 32 channels of data acquisition
 - 24-bit resolution on each acquisition channel
 - 5kHz sample rate per channel
 - Any transducer self-setup in any acquisition channel with TEDS technology
 - Up to 16 digital input & output channels
 - Up to 8 servo loops
 - 5kHz servo loop rate
 - Up to 1024 data points per cycle for arbitrary waveform definition
 - Ethernet/USB/RS232 to PC communication
- Universal input (110...264)VAC, (47...63)Hz, 250W power supply
- PC and software for the development of test methods using static, sinusoidal, haversine, square, triangular with user selected frequencies and data collection rates
- UKAS traceable calibration

Specification:

- Maximum Load: ± 15.5 kN
- Test Frequency: Static to 30 Hz
- Power supply 220-240 Volts 50 Hz @ 13A
- Compressed air 7-10 bar at 600 L/min
- Able to store and export test data to Excel compatible text files

- Remote access support
- Preferable origin of the equipment: UK or US

(vi) Control system to include:

- Any combination of up to 8 sensors per module (load cells, LVDTs, RTDs, strain gauge bridges, pressure transducers, and many, many more)
- TEDS (Transducer Electronic Datasheet) sensors for plug and play measurement
- Synchronous acquisition of all sensor measurements from all modules to eliminate data-skew
- Multiple segment 5th order polynomial linearization of sensors for supreme accuracy
- 24-bit resolution on all channels
- 5kHz acquisition rate per channel
- Anti-alias filters to prevent high-frequency interference
- Auto-ranging amplifiers with the following gain steps: 1/8, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128
- (0 to 10) V, 24V, and (0 to 20) mA power supplies for sensors
- Texas Instruments TMS320 DSP digital signal processor
- 4 x 24V optoisolated digital inputs with 100 mA sink capacity (each can be configured as counters)
- 4 x 24V optoisolated digital outputs to drive auxiliary hydraulic/pneumatic solenoid valves with 1.6A drive capacity per channel (each can be configured as a PWM source)
- NXP LPC2148 ARM7TDMI-S based high performance 32-bit RISC micro control
- Bumpless transfer between control methods
- 16-bit Analogue Voltage ($\pm 10V$ and (0 to 10)V) and Current ($\pm 40mA$, (0 to 20)mA, and (4 to 20)mA) control output for servo valve or other control device

(vii) Software features to include:

- PROFILE BUILDER: - Choose from standard predefined test routines for simple, reliable configuration and testing to Local, National and International standards or, design and store custom routines with multiple stages where each of the following can be varied:
- Pick tailor-made analysis method for each transducer from the Analysis Dropbox (e.g., Sinusoidal Regression, Peak-Offset, Mean)
- Choose tailor-made calculation from the Calculation Dropbox (e.g., EN12697-24 2012, AASHTO TP62...) to act upon the analyzed data
- Setup tailor-made waveform: Static, Ramp, Square, Triangle, Sawtooth, and Arbitrary (1024 data points can be loaded directly from a Microsoft™ Excel or text file).
- Choose tailor-made control transducer for the hardware PID loop
- Choose tailor-made control method from the Control Dropbox – allows for cascade control via any Analysis or Calculation parameter and many other advanced control methods
- Setup limits for each transducer to ensure their safety in the event of specimen failure
- Select tailor-made stage end criteria: Cycles/Time, Transducer Value, Failure (set your percentage and threshold)
- Setup what data is logged to file and when. Raw and Summary data are independently logged to file on a time-based, cyclic and/or transducer value interval All data is logged to a text file which can be opened directly in Microsoft Excel for further analysis
- Setup hardware triggering, again on a time-based, cyclic and/or transducer value interval
- Create dialogue boxes to instruct your technicians at critical points during the test
- Setup manual control stages for initial setup and interactive user parts of the test
- Choose your report template from the Report Dropbox to generate a pdf report at the end of the test

Other Essential Requirements

- (viii) D 7369 Set - Resilient modulus test system to perform ASTM D 7369. The test system must include:

Sub-frame, Loading strips for Ø 101.6 mm and Ø 152.4 mm specimens

- (a) 2 x displacement transducer ±1.0 mm range,
- (b) • 2 x displacement transducer ±0.25 mm range
- (c) • 8 x Clip-on LVDT holders, 16 * target, Target placer unit,
- (d) • 1 x Epoxy adhesive,
- (e) • Test software to meet latest standard specifications

- (ix) **TEMPERATURE CONTROLLED CABINET**

A floor standing temperature-controlled chamber with large volume and accurate temperature control Includes:

- Right hand hinged glass door
- Lock
- Automatic door closing
- Internal light
- 4 white shelves
- Castors
- Insulation 60 mm (cyclopentane)

Specification:

- Temperature range -25°C to +65°C
- Volume, gross 625 ltr./22.1 cu.ft.
- Volume, net 571 ltr./20.2 cu.ft.
- Exterior/Interior: White/Stainless steel 100%
- Dimensions (W x D x H): 815 x 731 x 2000 mm
- Weight, packed: 138 Kg
- Refrigerant R 404 A
- Ref. capacity at -25° C: 715 Watt
- Power: 230 V, 50 Hz
- Connection load: 812 Watt
- Origin of the equipment: UK or US

- (x) At least one SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE of the manufacturer and or bidder must be in satisfactory operation throughout India in last THREE years counted from the date of issue of this National Competitive Bidding (NCB). Following documents must be attached for evidence:

- Copy of Supply order/Satisfactory Performance Certificate issued within THREE years from the date of issue of this tender.
- Form no. 1 with the filled up details

- (xi) The manufacturer and or bidder must provide comprehensive warranty for a minimum period of THREE years from the date of satisfactory installation, commissioning and training of personnel for use of the equipment with 1 full service in the 3rd year on intimation by the purchaser. The local agent of the manufacturer/bidder shall make regular visits to the Institute for basic upkeep checks and troubleshooting periodically.

Signature of the Binder with Stamp:

- (xii) Full coverage insurance against any accidental loss or damage during transportation and testing at the sites shall be provided by the Supplier for a minimum period of THREE years after successful installation, and the related cost shall be included in the Contract Price.

Signature of the Binder with Stamp:

Section V: GENERAL TERMS AND CONDITIONS

1. A complete set of bidding documents must be downloaded from the institute web-site <http://www.svnit.ac.in> Non-refundable tender fee as specified in the bid document by way of demand draft have to be remitted with the bid in favour of **Director, SVNIT-MHRD Fund, payable at Surat** with tender document. Without the tender fees being remitted, the tender will not be considered.
2. The manufacturer and or bidder must comply all the conditions mentioned in “**Section IV Schedule of Technical requirements.**”
3. Tenders should be enclosed in a sealed cover, superscribed “Tender For Supply of SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE at Transportation Engineering Laboratory in Civil Engineering Department at SVNIT, Surat addressed to the “Director, Sardar Vallabhbhai National Institute of Technology, Ichhanath, Surat–395 007.”
4. The main sealed cover should contain within it, apart from the other required documents/items, the following at least Three envelopes viz.
 - a. A sealed envelope to contain the Demand Draft/FDR for EMD and the Demand Draft for tender fees.
 - b. A sealed Envelope superscribed as “Technical Proposal.”
 - c. A sealed Envelope superscribed as “Financial Proposal.”It should very clearly be noted that **any bid without these Three envelopes, enclosed in the main envelope, will be treated as an incomplete bid and is liable to be rejected.**
5. Bids will be opened in the presence of Bidders' representatives who may choose to attend on the specified date and time.
6. In the event of the date specified for the bid receipt and opening, being declared as a holiday for SVNIT, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
7. All bids must be accompanied by a **bid security (Earnest Money Deposit - EMD)** as specified in the bid document by way of demand draft, have to be remitted with the bid in favour of **Director, SVNIT-MHRD Fund**, payable at Surat with tender documents.
8. EMD shall not bear any interest and no claim shall be entertained against the institute in respect of the same. EMD will be refunded on receipt of written request from the bidder by A/C Payee cheque only to the Bidder who does not qualify or receive the work order.
9. Tenders not accompanied by earnest money will not be considered and will be summarily rejected. As the institute is managed by an autonomous body and hence registration with the **State Government Store Purchase Department and Small Scale Industry shall not be the reason for exemption from EMD.**
10. The tender documents with earnest money deposited previously for any other tender will not be considered and in such case tender will be rejected.
11. The tenders received after due date will be rejected.
12. In case of Two Bid Tender the envelope containing the commercial/Price bid shall be opened only after the appropriate satisfaction and verification of the Technical Bid, by the SVNIT tender committee.
13. The bidder shall explicitly express the compliance to all the terms and conditions with the signature, along with official stamp on each page of the tender document.

14. The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.
15. In case of the authorized dealers quoting on behalf of manufacturers, a copy of certificate stating that the equipment being quoted by the bidder is on behalf of the concerned manufacturer and the manufacturer undertakes the responsibility to provide the after sales maintenance of the equipment must be enclosed without which bid will be rejected.
16. Consortium in any manner is not allowed in this Tender participation.
17. The bidder should clearly mention the after sales service facility/capability and provide the same during guarantee/warranty period.
18. The bidder shall arrange for repair/replace of the defective/worn out components of the equipment at this Institute premises during the guarantee period at purchaser's first instructions within stipulated Time. This will be carried out at the cost of prospective Supplier and no charges whatsoever will be paid including Transportation, Courier Charges or T.A. and D.A. of the Service Engineer for the same.
19. Supplier is not able to rectify the defect or make the alternate arrangement within stipulated time limit. Institute can get it rectified and the amount so spent will be deducted from security deposit plus 10 % of the expense made.
20. The rates shall be quoted separately for each item, stating the specific model & part-code no etc, including the standard items to be supplied with the unit. The detailed specifications, physical dimensions, guarantee period, after sale services, etc should be clearly stated.
21. The rate for individual equipment should be quoted in Indian rupees for all Indigenous goods. In case of imported equipment's/instrument the institute is exempted from the payment of Excise and Customs duty only against the DSIR certification No. **TU/V/RG-CDE(403)/2016** dated 21-02-2017 vide Government Notification No. 51/96. In case of foreign instruments, prospective Supplier should handle the custom clearance and transportation up to the destination i.e. SVNIT Surat, bearing all the cost for the same.
22. SVNIT being an Educational Technical Institute, the concession applicable in rates/Taxes under state/central govt. notification should be considered while quoting.
23. The institute CANNOT issue 'C' or 'D' forms. However, a certificate regarding the exclusive use of equipment/Instrument/services to be procured, for the purpose of teaching /research, can be issued if any concession in this regard be made available to the purchaser.
24. The bid shall be finalized on the basis of the **Net Amount in rupees** (including cost of the Installation, Packing, Forwarding, Transportation, ad valorem duty, Trainings, **all other Taxes, etc.**) F.O.R. on SVNIT, Surat.
25. The bidder must deposit a **Security Deposit** at a rate of **10%** of work order at the time of accepting the work order within 15 days of receipt of work order otherwise penalty of 2% of the work order will be charged for every week delay and delay of maximum 15 days will be allowed else order will be treated as cancelled without any notice and vender will be **blacklisted. The contract will commence only after Security Deposit and penalty if applicable is deposited.**
26. The Security Deposit shall be in the form of Bank guarantee and will remain **valid for the entire warranty period plus one month.** Failure on the part of the prospective Supplier to provide the services as per the terms and conditions in this document, shall constitute a breach of the terms and conditions of the contract and will entail forfeiture of the security deposit solely to the discretion of the Director, SVNIT.

27. Security deposit shall be released only after the satisfactory completion of work, due if any and faithful performance of the work and after receipt of application from bidder for the same. No interest will be paid on security deposit, in case of any default on the part of the bidder, the security deposit will be forfeited and the decision of SVNIT authorities in this regard will be treated as final and abiding to the bidder/supplier.
28. Failure of the successful bidder to comply with the above requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security (EMD), in which event SVNIT may make the award to the next lowest evaluated bidder or call for new bids at the discretion of Director, SVNIT.
29. The prospective Supplier should clearly state the delivery period and time period required for installation and commissioning of the equipment/services, from the date of receipt of firm order. In case, if prospective Supplier anticipates delivery of any or all items being delayed due to the reasons beyond his control, the prospective Supplier shall apply for suitable extension, starting the reason for the same and state his firm date of delivery. The Director, if feels suitable may extend the delivery date.
30. In case of delay of delivery of the unit beyond the stipulated / stated period, **a penalty of 1% (One percent) of total value of the ordered equipment** will be levied for each week of delay of part thereof.
31. The bidder may offer the Tender on their letter heads giving full specifications and references to the serial number of the item and schedule. **Bid must be written in ink, or typewritten, and correction, if any, should be attested. Penciled quotations will not be accepted.**
32. Individuals signing the offers or documents connected with the contract must specifically state whether (s)he (they) is(are):
 - a. Signing as sole proprietor
 - b. Whether signing for the firm, and
 - c. In the case of companies or firms registered under the India partnership Act, the capacity in which (s)he(they) is (are) signing i.e. Secretary, manager, partner etc. or their attorney by production of document empowering him to do so.
33. Tender forms and schedules are not transferable.
34. Acceptance to abide by the conditions stipulated by the Director, should be duly signed along with the offer. The absence of the acceptance of the conditions may result in the rejection of the offer.
35. **The** acceptance or rejection of the tender is left entirely to the discretion of the Director. The Director does not bind himself to accept the lowest or any tender and Director, reserves the right to split the tenders and place orders for the equipment covered by the lists on one or more tenders.
36. The Institute does not make payment in an advance against delivery/documents through Bank and hence, the prospective Supplier should specifically note that no advance payment will be made.
37. **The** Prospective Supplier warrants that the Goods supplied under this Contract are new, unused, of the **most recent or current models** and they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Prospective Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the SVNIT's Specifications) or from any act or omission of the Prospective Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
38. The Prospective supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to final destination as indicated in the Contract (In case of material damage, supplier have to bare all expenses/responsibility before material reaches to the final destination). The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

39. The tender should reach the SVNIT office on or before the last date and time specified earlier. Tenders received thereafter will not be considered, in any case.
40. The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified and in any subsequent instructions ordered by the SVNIT.
41. The Goods supplied under the Contract shall be fully insured by the bidder in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.
42. The Prospective Supplier's request(s) for payment shall be made to SVNIT in writing, accompanied by an invoice describing, as appropriate, the Goods delivered, and the Services performed, and by documents, submitted. Also along with these documents, the **prospective Supplier shall have to obtain a satisfactory installation certificate from the Transportation Engineering Laboratory, TEP, CED of SVNIT –only after which the bill may be processed.**
43. Payment shall be made in Indian Rupees only.
44. Deviation from any requirements, specification, terms and condition mentioned in the tender document will not be entertained and tender will be rejected.
45. **The Director reserves the right to reject any or all the tenders without assigning any reasons thereof.**
46. **The bid from the vendor who has received the work order for providing such service to SVNIT and was unable to provide the service, will be rejected.**
47. **The bid from the bidder who was found in fraud activity with SVNIT or on the name of SVNIT will not be allowed for bidding. The bid from such bidder will not be accepted and will be straight away rejected. Also, the bid submitted in consortium with such bidder will be rejected and if such information is found later then the work order issued will be terminated immediately without any notice.**
48. **All prospective bidders should keep looking at the institute website for information concerning the changes/amendments on the website.** No claim of any nature on any ground on inadequate information or knowledge or misunderstanding or otherwise in such respects will be admissible, later on.
49. Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the prospective Supplier does not accept the correction of errors, its bid will be rejected and its bid security (EMD) may be forfeited.
50. **No Bidder shall contact the SVNIT authorities on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the SVNIT, should be done in writing.**
51. Any effort by a Bidder to influence the SVNIT and its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.
52. Bidders shall not be under a declaration of ineligibility for any corrupt and fraudulent practices prosecuted by the court of law.
53. 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.
54. It is compulsory to attach all the mentioned and required documents at time of submission of tender. No additional attachment is permitted later on.
55. All documents along with tender form must be numbered. (1...n) and corresponding page number must be entered in the pre-qualify sheet, no further clarification will be entertained.
56. The bid from the vendor or its sister concern or group of company who has been black listed at any Government organization / Semi-Government Organization / public sector etc. will be rejected.
57. The bid for OEM who has been black listed at any Government organization / Semi-Government Organization / public sector etc. will be rejected.

58. The supplier shall arrange for repair/replacement of the defective/worn out components of the unit at this Institute premises during the warranty period and within 15 (fifteen) days of purchaser's first communication in this regard. This will be carried out at the cost of supplier, and no charges whatsoever will be paid by the Purchaser including T. A. and D.A. of the Service Engineer for the same.
59. **The minimum validity period for the offer should be for 120 days.**
60. **The financial offer of only those tenders will be considered who satisfies the technical specifications and other essential requirements mentioned in Section IV: Schedule of Technical requirements.**
61. Successful bidder should raise the bill of the items actually installed, quantity shown in the tender document are for mere guideline and show approximate quantity.
62. In case of the authorized dealers quoting on behalf of manufacturer, 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.
63. The supplier or the Indian representative should install the system and bring into complete operation, at Transportation Engineering Laboratory, Civil Engineering Department, SVNIT Surat and to satisfaction, without any charge.
64. The supplier or the Indian representative should give comprehensive warranty for the complete system for the warranty period specified by the supplier from the date of the completion of the satisfactory installation. The warranty period shall be **Three years** from the date of satisfactory installation, commissioning and training of personnel for use of the equipment.
65. The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery to the place of destination within India defined as Transportation Engineering Laboratory, Civil Engineering Department, SVNIT Surat. The insurance shall be arranged by the Supplier, and the related cost shall be included in the Contract Price.
66. Full coverage insurance against any accidental loss or damage during transportation and testing at the sites shall be provided by the Supplier for a minimum period of **THREE years** after successful installation, and the related cost shall be included in the Contract Price.
67. The bidder should provide necessary handy professional training for Management & troubleshooting with valid certification of Six (06) concerned SVNIT staff for operation, configuration, management, and servicing of entire system at Transportation Engineering Laboratory, Civil Engineering Department, SVNIT Surat. No extra charges will be paid for the training, total expenses including TA / DA and any other expense towards the same will be bare by the bidder.
68. If Supplier is not able to rectify the defect or make the alternate arrangement within stipulated time limit i.e. 15 days. Institute can get it rectified and the amount so spent will be deducted from security deposit plus 10 % of the expense made.
69. 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.
70. The prospective supplier immediately on intimation after successful bidder shall furnish the Security Deposit which will be equivalent to 10% of the overall cost of the bid. The prospective Supplier will agree with the Director, S V National Institute of Technology Surat, (hereinafter referred to as THE DIRECTOR) for the due fulfillment of the contract.
71. This security shall be in the form of Bank guarantee and will remain valid for the entire warranty period of three years or more as specified. Failure on the part of the prospective Supplier to provide the
-

service as per the terms and conditions in this document shall constitute a breach of the terms and conditions of the contract and will entail forfeiture of the security money deposit, solely to the discretion of the Director, SVNIT.

72. **After accepting work order**, the bidder shall complete the installation, commissioning and providing training of the entire system **within 60 days**.
73. The financial bid shall not contain any conditions. The financial bid shall also contain cost of extra items as proposed by the bidder in the technical bid.
74. The successful bidder must submit a letter of accepting the work order within 15 days of receipt of work order otherwise the work order is liable to be canceled without intimation.
75. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of 36 months and the Performance Bank Guarantee for proportionate value shall be extended 60 days over and above the extended warranty period.
76. Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the prospective Supplier does not accept the correction of errors, its bid will be rejected and its bid security may be forfeited.
77. In case of any dispute, the matter will be subjected to SURAT jurisdiction only.

DIRECTOR, SVNIT.

Section VI : DECLARATION

Tender reference no: CED/TEL/Tender/2017-18/4599

Date: 29.01.2018

I/We hereby declare I/We have read all the terms and conditions of the Tender stated in all the sections in this tender document and as may be modified/mutually agreed upon, are acceptable and binding to me/us.

I/We have also verified that the bidding document contains at least the following

- **A sealed envelope to contain the Demand Draft/FDR for EMD and the Demand Draft for tender fees.**
- A sealed Envelope superscripted as “**Technical Proposal**” to contain at least the following:
 - The Tender document appropriately signed and stamped at all pages
 - General Conditions of Contract
 - Acceptance to all the Requirements;
- A sealed Envelope superscripted as “**Financial Proposal**” to contain at least the following
- **Price of the equipment with all the accessories as per the technical specifications in Section III**
- **Price for comprehensive warranty of THREE years from the date of satisfactory installation, commissioning and training of personnel for use of the equipment with 1 full service in the 3rd year on intimation by the purchaser**
- **Price for the full coverage insurance against any accident or damage during transportation and testing at the road sites for a minimum period of THREE years**
- **All the applicable taxes should be clearly mentioned**

I also understand that my bid without these three envelopes, enclosed in the main envelope, superscribed as “Tender for Supply of SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE at Transportation Engineering Laboratory in Civil Engineering Department at SVNIT, Surat” will be treated as an incomplete bid and is liable to be rejected.

Place:

Signature:

Date:

Name & Address of the Bidder with office Stamp with all contact details

Section VII: Summary Sheet

Tender reference no: CED/TEL/Tender/2017-18/4599

Date: 29.01.2018

The Bidder (Manufacturer or Supplier) should be supplying SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE since last 3 financial years.

Name of the Manufacturer:

Name of the Supplier:

Sr. No.	Name & Address of the Customer	Supply Order/Satisfactory Performance Certificate attached (Yes/No) If Yes, give page no:	Date of issue of Supply Order/Satisfactory Performance Certificate

Note: - Please attach Supply Order/ Satisfactory Performance Certificate for **SERVO-PNEUMATIC UNIVERSAL TESTING MACHINE** under successful operation.

Date :
Place :

Signature & Stamp of Bidder

Signature of the Binder with Stamp:

Page No. 17 of 18

Tender reference no: CED/TEL/Tender/2017-18/4599

Date: 29.01.2018

Sr. No.	Description	Qty	Brand/ Make Model	Unit Rate	Total Amount
	Servo-Pneumatic Universal Testing Machine and accessories as per specification mentioned in Technical Specification	1			
		Total in Rs.			
		Rebate / Concession in Rs.			
		NET AMOUNT			
Rupees (in Words)					

Note :

- (i) All taxes should be inclusive.
- (ii) This summary sheet must be enclosed in Techno-Commercial envelop, otherwise the bid will be rejected.
- (iii) RTO Charges, Insurance, SMC Tax, TCS will be paid at actual should be mentioned.
- (iv) Validity of Quotation should be (minimum) 120 days from the date of bid opening

I understand that any ambiguity in or incompletely filled SUMMARY SHEET will lead to rejection of offer without being cited any reasons

**SIGN OF THE PARTY
WITH FULL ADDRESS STAMPED**

Signature of the Binder with Stamp:

Page No. 18 of 18