



**VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA**  
**PO- ENGINEERING COLLEGE BURLA, DIST-SAMBALPUR,**  
**ODISHA-768018**

No. VSSUT/PE/6386 /2016

Dated. 29.04.2016

**TENDER CALL NOTICE**

The undersigned invites sealed tenders from the Manufacturer/Authorized Dealers having up-to-date ITCC, VATCC & ISO-9001 certificates for Supply, Installation and Training of Laboratory Equipment/Software for the Department of Production Engineering, VSSUT, Burla. Tender papers with all specifications, terms and conditions will be available in the official website of the University ([www.vssut.ac.in](http://www.vssut.ac.in)) which can be downloaded and submitted after filling it up completely. Sealed tenders should reach the undersigned by Registered Post/Speed Post on or before 18.06.2016 up to 12.00 PM.

The authority reserves the right to accept or reject any or all the tenders without assigning any reason thereof.

*[Signature]*  
**REGISTRAR**

No. VSSUT/PE/6387(6) /2016

Dated. 29.04.2016

Copy to:

1. M/s Display lines, 219, Saheed Nagar, Bhubaneswar-751007 with a request to publish the above advertisement in one issue of the Odisha daily edition (ALL ODISHA EDITION) of THE SAMAJ and All India edition of The Indian Express using minimum space at I & PR approved/lowest rates. The bills may be sent to the Comptroller of Finance, VSSUT, Burla -768018 in TRIPLICATE along with copies of the paper in which the publication is made, for necessary payment.
2. The University/Department Notice Board for publicity
3. Dean F&P, with a request to hoist the tender call notice in the University web site for wide publicity.
4. COF, for information and necessary action. The expenses shall be met from Self-financing Scheme fund.

*[Signature]*  
**Registrar**

*[Signature]*  
 28/4/16

*[Signature]*  
 28/4/16

*[Signature]*



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**Registrar**

*q/c* *(W/S)*  
*28/4/16*

*Chs*  
*28/4/16*

*Ca*

### **Section I: Invitation for Bids**

Sealed Bids (properly stitched separately) in two separate covers (**Technical Bid and Price Bid**) are invited by the “**The Registrar, Veer Surendra Sai University of Technology, Odisha**” from the manufacturers/authorized distributors/ dealers for Supply, Installation and Training of Laboratory Equipment/Software for the Department of Production Engineering, VSSUT, Burla.

All bidders are required to submit EMD not less than 2% of the quoted amount in the shape of Demand draft drawn in favour of “Veer Surendra Sai University of Technology, Burla” payable at Burla only. The EMD shall be in Indian Rupees. Non-submission of EMD or submission of EMD of lesser amount than required shall result in rejection of bid. The EMD deposited against other bids cannot be adjusted or considered for this Bid. No interest is payable on EMD.

The Bidders may download the **Tender Documents** directly from the website available at <http://www.vssut.ac.in> and the Tender cost fee of Rs.500/- (Non-refundable) by way of separate Demand Draft drawn in favour of “**Veer Surendra Sai University of Technology, Burla**” payable at Burla should be enclosed along with the Bid. The Tender cost fee and the EMD amount should be submitted separately in separate demand drafts. In case of any bid clarification, responsibility lies with the bidders to collect the same from the website and the purchaser shall have no responsibility for any delay/ omission on part of the bidder.

### **Time Schedule**

- Date of commencement of downloading bidding document **05.05.2016 at 11.00 AM**
- Last date and time for Receipt of bids **18.06.2016 up to 12.00 PM**
- Time and date of opening of Tender & Technical Bid **20.06.2016 at 11.00 AM**

### **Place of Receipt and Opening of Tender**

The Registrar  
Veer Surendra Sai University of Technology, Odisha  
P.O.- Burla Engineering College, Dist-Sambalpur-768018,  
Tel. No-0663-2430211 Fax No-0663-2430204

### **Delivery as well as Billing Address**

The Registrar  
Veer Surendra Sai University of Technology, Odisha  
Burla, Dist.- Sambalpur, Odisha, 768018

  
29/1/16  
Registrar

 

## Section II: Terms and Conditions

1. The cost of Tender documents is Rs.500.00 (Rupees five hundred only) (Non-refundable). The Tender documents can be downloaded from the University website [www.vssut.ac.in](http://www.vssut.ac.in). A demand draft towards the cost of Tender documents drawn in favor of "Veer Surendra Sai University of Technology, Burla", payable at Burla must be submitted along with Tender.
2. These Tender documents must be filled up completely and signed by the authorized signatory of the bidder on all the pages as acceptance of all the guidelines, terms and conditions laid in this Tender document.
3. The completed document must reach to "The Registrar, Veer Surendra Sai University of Technology, Burla, PO. Burla, Dist. Sambalpur-768018 (Odisha)" by the last date of submission i.e. **18<sup>th</sup> June 2016 by 12.00 PM** in a sealed cover by **Registered/Speed Post**. The tenders received after the due date and time is liable to be rejected. Tender by FAX/ e-mail or any other media will not be entertained. The University is not responsible for delay, loss or non-receipt of Tender documents sent by post.
4. The tender comprises two parts i.e. 1. **Technical bid** and 2. **Financial Bid**. The first part is technical bid where the vendor is required to give the details of the firm and the confirmation on technical specification. If there is noncompliance in respect of any item, all details thereof must be provided. The second part is financial bid where the vendor is required to quote the rates only. No other information/condition is to be mentioned in the financial bid. Conditions if any, are to be given in the technical bid only. The technical and financial bids are to be submitted in separate envelopes.
5. The envelope containing the Tender must be super-scribed as "**Supply, Installation and Training of Laboratory Equipment/Software for Department of Production Engineering**".
6. The Tender should contain the following documents.
  - a) Tender application as per Annexure-I.
  - b) This Tender document must be signed on each page by the authorized signatory of the bidder.
  - c) Detail Name & address with Phone no. /FAX No, e-mail ID of the contact person.
  - d) Demand Draft (Non-refundable) towards the cost of Tender documents.
  - e) Self-attested copies of VAT clearance certificate/IT return/service tax clearance certificate.
  - f) Documentary evidences/ technical literature/catalogues in original for the model.
7. The quoted price must be inclusive of freight, packing, forwarding, transit insurance etc. for delivery at VSSUT, Burla. The installation, commissioning and demonstration shall be at the cost of the supplier.
8. The bidder may bid for all the packages, part thereof or part of a package from the schedule of requirements mentioned herewith.
9. The Tender and the quoted prices shall be valid for 90 days from the date of submission of the Tender.
10. The University will evaluate the technical & financial aspects of the Tenders. The University shall consider placement of orders for commercial supplies only on those eligible bidder whose offers are found to be technically, commercially and



financially acceptable and who have accepted the terms and conditions as stipulated in this Tender document.

11. Tender should be filled with neat legible and correct entries. Indistinct figures should be avoided. Any erasures and alterations made while filling the tender or figure/figures are not permitted. Failure to comply with either of these conditions will render the tender void. No advice of any change in rate or conditions after opening of the tender will be entertained.
12. On all the matters relating to this Tender call document, the decision of the University shall be final and binding and the same cannot be referred to the court of law. The University reserves the right to reject any or all of the Tenders without assigning any reason what so ever.
13. For proprietary items, the certificate of proprietary item must be submitted along with the bid. If any item is supplied by an authorized firm, the manufacturer's authorization certificate must be submitted along with the bid.
14. Any deviation in technical specifications shall not be entertained ordinarily. The University reserves the right to modify the specifications during the execution stage of the purchase process. Wherever the technical specifications of items are changed either at the University request or at Bidder's request, revised price will be fixed, if necessary, by negotiations and as agreed upon by both parties.
15. The University reserves the right to order all or part or none of the items and/or services given in this document.
16. The quantities in the schedule may be increased or decreased to any extent depending upon the actual requirement.
17. Unless otherwise specified in the order, the order price shall remain firm and will not be subject to escalation of any description during the pendency of the order, notwithstanding the change in the cost of materials, labour and/or variations in the taxes, duties and other levies on raw materials and components may take place while the order is under execution even if the execution of the order is delayed beyond the completion date specified in the order for any reason whatsoever.
18. The University may reject the bid even if it is accepted but the successful bidder fails to execute any of the guidelines, terms and conditions mentioned in this Tender document.
19. All the items are to be door-delivered to the University within 6 weeks of the issue of the purchase order. In case the supplier fails to deliver the goods within the due period, the University reserves the right to cancel the purchase order and to place orders with other firms without assigning any reason thereof.
20. The supplier must supply all ordered items at a time. Part supplies are not acceptable and will not be entertained on any account. Any loss or damage during transit will be replaced at the cost of supplier.
21. All bidders are required to submit EMD not less than 2% of the quoted amount in shape of Demand draft drawn in favour of "Veer Surendra Sai University of Technology, Burla" payable at Burla only. The EMD shall be in Indian Rupees. Non-submission of EMD or submission of less EMD than the desired one shall result in rejection of Bid. The EMD deposited against other Bids cannot be adjusted or considered for this Bid. No interest is payable on EMD.



22. The EMD amount of the successful bidder will be kept as retention money and will be released only after supply and installation of the furniture in place. However, the EMD amount of other bidders will be returned back after the tendering process is completed.
23. The supplier shall be liable to complete all installation and demonstration of the instruments at the site within 30 days from the date of receipt. All packing must be opened at the site and be handed over to the consignee, at the supplier's cost.
24. The equipment supplied will be under warranty for a period of 2 years from the date of installation and demonstration. Free replacement of faulty parts including free technical support shall be provided during the warranty period. Warranty Certificate shall be submitted at the time of delivery.
25. The supplier is required to take care of change in technology and supply the higher version of the equipment available at the time of delivery at the same total cost as per the order. The operating manuals in original must be supplied at the time of delivery of the equipment.
26. The software supplied will be under warranty for a period of two years. Any upgrade of the software during the warranty period must be made available without any extra cost.
27. The supplier shall submit all bills in triplicate on printed forms to the University.
28. The supplier must submit valid and up-to-date VATCC and copy of IT return along with the bill before release of payment. The bidder shall also indicate the applicable prevailing VAT.
29. The University will make payments through account payee cheque in Indian Rupees. No interest on any deferred claim arising out of this purchase shall be payable in any case whatsoever. No payment will be made for instruments rejected at site during demonstration.
30. 100% payment of the billed amount will be made only after 30 days of receipt of equipment in good conditions and successful performance on site from the final date of demonstration as per the specifications.
31. The University reserves the right to cancel the purchase order if the equipment supplied fail to meet the specification mentioned within the terms and conditions of this Tender call document. The University shall not be held responsible for any loss or damage suffered by the bidder as a result of the cancellation of the purchase order.
32. Any dispute arising out of the deal shall be subjected to the jurisdiction of the court at Sambalpur within the State of Odisha.

 

**Section III: Annexures and Forms**

**Annexure I: Tender Application**

To.

The Registrar  
VSSUT, Burla

**Sub: Supply, Installation and Training of Laboratory Equipment/Software  
for Department of Production Engineering.**

Dear Sir,

I/We the undersigned have carefully gone through and clearly understood the specifications, quantities with terms and conditions mentioned in the tender document for the above mentioned work do hereby tender to execute and complete the supply in accordance with the priced bill of quantified and/or as per given specifications.

It is understood that the lowest or any tender will not necessarily be accepted and that you are not bound to assign any reason thereof for the same.

I/We agree to keep our offer open for 90 days from the date of opening of tender.

Having examined the schedule of requirements relating to the proposed tender for supply of equipment/software and having acquired the tenders invited by you, we the undersigned hereby offer to execute, complete and maintain the proposed work in strict accordance with the conditions and specifications described in the tender document at the item rates quoted by us in the tender.

We undertake to complete and deliver the total work within the stipulated time period from the date of issue of work order by the competent authority.

Place:

Signature & Stamp of vendor

Date:

Name and address of the vendor



**Annexure II: Technical Bid**

To be filled and signed by the authorized signatory of the firm & this is to be put in separate sealed cover superscribed with "Technical bid for Supply, Installation and Training of Laboratory Equipment/Software for Department of Production Engineering".

1	Name of the firm	
2	Address	
3	Contact No.	
4	Date of commencement of business	
5	PAN No. (Attach a copy)	
6	VAT/CST Registration No ( Attach a copy)	
7	Whether previous experience in the field (Attach proof)	
8	Warranty information.	Please attach list of items along with relevant warranty, if applicable
9	Product brochure/literature for each item	Attach copies of product brochure/literature for each item
10	Particulars of EMD attached	DD No _____ Date _____ Amount Rs. _____ Issuing Bank Name _____

**Signature of the Vendor with seal**

*Signature*



**Annexure III: Price Bid**

Name of the OEM/Business Partner of OEM:

S/N	Name of the Equipment/Software: Make: Model:	
1	Base Price/Unit (C1)	
2	VAT @ _____ (C2)	
3	Freight Charge (if any) (C3)	
4	Any Other (If any) (C4) (Pl. mention Details)	
5	Total Price $C1+C2+C3+C4=$	
6	Total price in Words	

**Note-** (i) Price Bid Proforma should be provided individually for each package.

(ii) Taxes like VAT, Freight and or other taxes/ Charges, if any applicable must be explicitly mentioned in this price schedule. Any type of correction/ addition in price schedule shall not be permissible.

**Annexure IV: Schedule of requirements and Technical Specifications**

**PACKAGE-1 (Deep drawing / Extrusion (Hydraulic Press) Set up)**

S/N	Name of the Equipment	Technical Specifications	Quantity
1	Heavy Duty single action Hydraulic Press	20 Ton Capacity 4 Pillar type (Table size 400mm x 400mm, Gap – 500 mm) with Hydraulic Cylinder (Bore Diameter – 125 mm, Stroke – 400mm )	One
2	Hydraulic Power Pack	Oil tank, 2 HP motor, pump, valves and other accessories	One
3	Electrical Control Panel	with proximity switch	One
4	Pressure Transducer / Load cell	20 Ton capacity with range of measurement 0 – 20 Ton, Resolution 0.01 kg	One
5	LVDT or Rotary encoder	range 300 mm resolution 0.01mm	One
6	Data accusation Card	4 channel port with Software	One with user license
7	Die-sets for deep-drawing	made of die steel	Two sets
8	Die-sets forward and backward extrusion	made of die steel	Two sets for each type
9	Hydraulic Oil	for testing the machine after installation	75 liters
10	Desktop Computer	having latest configuration Integrated into the set up	One

**PACKAGE-2 (Disk / Ring Compression (Hydraulic Press) Set up)**

S/N	Name of the Equipment	Technical Specifications	Quantity
1	Heavy Duty single action Hydraulic Press	20 Ton Capacity 4 Pillar type (Table size 400mm x 400mm, Gap – 500 mm) with Hydraulic Cylinder (Bore Diameter – 125 mm, Stroke – 400mm )	One
2	Hydraulic Power Pack	Oil tank, 2 HP motor, pump, valves and other accessories	One
3	Electrical Control Panel	with proximity switch	One
4	Pressure Transducer / Load cell	20 Ton capacity with range of measurement 0 – 20 Ton, Resolution 0.01 kg	One
5	LVDT or Rotary encoder	range 300 mm resolution 0.01mm	One
6	Data accusation Card	4 channel port with Software	One with user license
7	Hydraulic Oil	for testing the machine after installation	75 liters
8	Desktop Computer	having latest configuration Integrated into the set up	One

**PACKAGE-3 (Hydraulically operated Bulging Set up)**

S/N	Name of the Equipment	Technical Specifications	Quantity
1	Hydraulic Power Pack	Oil tank, 2 HP motor, pump, valves and other accessories	One
2	Hydraulic pressure Intensifier	hydraulic pressure up to 50 MPa	One
3	Electrical Control Panel	with proximity switch	One set
4	LVDT	range 0-50 mm, resolution 1.25 micron	Three
5	Data Logger	4 channel	Three
6	Data Accusation card	4 channel with application software	One with user license
7	Digital Pressure Gauge	To indicate hydraulic pressure up to 50 MPa	Two
8	Hydraulic Pressure Transducer	hydraulic pressure up to 50 MPa	One
9	Die-sets	made of die steel	One
10	Hydraulic Oil	for testing the machine after installation	75 liters
11	Desktop Computer	having latest configuration Integrated into the set up	One
12	Safety measure	for oil splashing	One

**PACKAGE-4 (Universal Testing Machine (Hydraulic type) Set up)**

S/N	Name of the Equipment	Technical Specifications	Quantity
1	Universal Testing Machine (UTM)	Panel controlled digital Universal Testing Machine (UTM) with hydraulic open type grip [maximum capacity 100 kN/ 200 kN, range of measurement 100 kN/ 0-200 kN, load resolution 5N / 10N with 20000 full scale at ±1% accuracy (2-100 kN/ 4-200 kN), resolution of piston displacement 0.01 mm, clearance for tensile test 50-700 mm, clearance between columns 500 mm, ram stroke 150mm /200 mm, piston speed at no load 0-300 mm per min / 0-150 mm per min, overall dimensions (approx.) 2032mm x750 mm x1960 mm, weight 1500 Kg (approx.), connected load voltage 400-400VAC 3 phase at 50 Hz frequency]	One
2	Standard Accessories for Tension test	clamping jaws for round specimen (10-20 mm, 20-30 mm diameter), clamping jaws for flat specimen (0-10 mm, 10-20 mm), width 50 mm	One set
3	Standard Accessories for compression test	pair of compression plates of diameter 120 mm	One set

4	<b>Standard Accessories for Transverse test</b>	table with adjustable roller of width 160 mm, diameter of roller 30 mm, maximum clearance between supports 500mm, radius of punch tops 6mm, 12 mm	One set
5	<b>Basic software of the machine</b>	for tensile, compression test	One with user license
6	<b>Electronic extensometer and software of the machine</b>	gauge length 50 mm, elongation 0-2 mm, resolution 0.001 mm, diameter of specimen measured by extensometer 1-20 mm, thickness of specimen measured by extensometer 20 mm, maximum width of specimen 20 mm	One set