

**VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, ODISHA, BURLA**

Quotation Call Notice No. VSSUT/ CIVIL/ Env.Engg / 5469 Date:02/02/2016

**Equipments needed for Environmental Engineering Laboratory**

Sealed quotations are invited from the intending reputed Original Equipment Manufacturers/Direct importers/Registered Authorized Dealers/SSI units for supply of Equipments for **Environmental Engineering Laboratory** of Civil Engg Department of VSSUT, Burla. Detailed information and the quotation document are available in the University website [www.vssut.ac.in](http://www.vssut.ac.in).

Sd/-

**REGISTRAR**

**Memo No. VSSUT/CIVIL/5470(15)**

**Dated 02/02/2016**

**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 the Odisha 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 Registrar, Sambalpur University, Jyoti Vihar, Burla/Director, VIMSAR, Burla /D.M. & Collector, Sambalpur/District Public Relation Officer, Sambalpur with request to display the notice in their office notice boards for its wide publicity.
- 3) The University Notice Board for affixture and to the Prof. In-charge, University Web site with a request to hoist the tender call notice in the University web site [www.vssut.ac.in](http://www.vssut.ac.in) for publicity.
- 4) The SO, Establishment/S.O.Accounts/HOD,Civil Engineering, VSSUT, Burla, for information and necessary action.

**REGISTRAR**

### **GUIDE LINES, TERMS AND CONDITIONS**

This quotation documents must be filled in 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 quotation document. (This document should be printed on both sides of the A4 size paper sheet).

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. 05<sup>th</sup> March 2016 by 12 Noon under a sealed cover by **REGISTERED/SPEED POST**. The quotations received after the due date & time is liable to be rejected. Quotation by FAX/ e-mail or any other media will not be entertained.

The envelope containing the quotation must be super-scribed as "**QUOTATION FOR ENVIRONMENTAL ENGG. LABORATORY**" with due date & time of submission. The University is not responsible for delay, loss or non-receipt of quotation documents sent by the post.

The quotation should contain the following documents.

- a. This quotation document signed on each page by the authorized signatory of the bidder.
- b. Detail Name & address with Phone no./FAX No, e-mail ID of the contact person.
- c. Bank draft (Non-refundable) towards the cost of quotation documents.
- d. Self attested copies of VAT clearance certificate/IT return/service tax clearance certificate.
- e. Documentary evidences/ technical literature/catalogues in original for the model.

The quotation shall contain the firm and final rates in clear and unambiguous terms in Indian Rupees.

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 supplier cost of the supplier. Any reagent/accessory necessary for demonstration of the instrument must be provided by the supplier.

The quotation and the quoted prices shall be valid for 90 days from the date of submission of the quotation.

The University will evaluate the technical & financial aspects of the quotations. 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 quotation document.

On all the matters relating to this quotation 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 quotations without assigning any reason what so ever.

The University reserves the right to call the bidders and to conduct negotiations, if necessary and has the right to select more than one bidder for one or more items at its discretion.

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.

The University reserves the right to order all or part or none of the items and/or services given in this document.

The quantities in the schedule may be increased or decreased to any extent depending upon the actual requirement.

The supplier shall **quote for the latest model of their equipments** only.

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.

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 quotation document.

All the instruments are to be door-delivered to the University within 30 days 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.

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.

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.

The instruments 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.

The supplier is required to take care of change in technology and supply the higher version of the instruments 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 instruments.**

The supplier shall submit all bills in triplicate on printed forms to the University.

The University will make payments through account payee cheque drawn on SBI Burla, 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.

The University reserves the right to cancel the purchase order if the instruments supplied fail to meet the specification mentioned within the terms and conditions of this quotation 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.

Any dispute arising out of the deal shall be subjected to the jurisdiction of the court at Sambalpur within the State of Odisha.

**DELIVERY AS WELL AS BILLING ADDRESS**

**THE REGISTRAR,**

**VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, ODISHA**

**BURLA-768018**

**DIST. SAMBALPUR (ODISHA)**

**Table-1: DESIRED SPECIFICATIONS OF THE INSTRUMENT**

Sl. No.	Name & Specification of articles/materials/machineries/services	Quantity
1	<p><b>Peristaltic Pump (Complete Package)</b>  Flow rate :0.5-700 mL/min, Flow rate accuracy of control: <math>\pm 5\%</math>  Speed Range: 10-120 rpm, Speed setting: scale, Electronic Speed Control: analog  Control accuracy motor (%): <math>\pm 2</math>, Selectable direction of rotation :cw/ccw, Motor  Power: 70-80, Supply power:150, Operation Time : 24 Hrs, Safety features :  overheat protection, Permissible Ambient 0-40°C Temperature at 80% humidity  Supply voltage : 230V/50/60hz  Along with all other tubing of different diameter and extension tubes</p>	01 no.
2.	<p><b>Laboratory columns</b>  Perspex column with a frustum at the bottom end having inlet and out let pipe  (a) 25 mm dia and 55 cm length  (b) 150 mm dia and 200 cm length</p>	02 no.
3.	<p><b>COD Analysis Package (Digester + Colorimeter + Vials)</b>  <b>COD measuring Colorimeter:</b>  Measuring range from 0 to 15,000 mg/l O<sub>2</sub>,  Wavelength Range (2 ranges): 420<math>\pm</math>10 nm &amp; 620<math>\pm</math>10 nm  Operating range (ambient temperature): 10 to 45 °C  Large digital display, and user-friendly keypad to ensure maximum operating  reliability and convenience.  <b>COD Digester:</b>  Microprocessor based digital temperature indicator-cum-controller  No. of Cavities: 15 Holes to accommodate 15 samples  Display: LED/LCD, Temperature: up to 150 °C  <b>Vials:</b>  1 Set (Pack of 25Nos) of Vial tests for the range 0-150 mg/l,  1 Set (Pack of 25Nos) of Vial tests for the range 20-1500 mg/l</p>	01 set
4.	<p><b>Microprocessor based Sound Level Meter</b>  <u>Hand held sound level meter cum analyzer with 1/1 &amp; 1/3 octave frequency analysis</u>  Measurement Range: 120 dB dynamic range - upto 140 dB, Large, high-resolution,  touch-sensitive screen, DISPLAY Type: Transflective back-lit touch screen, 240 -  320 dot matrix Black and white scheme  Backlight: Adjustable level and on-time Multi-lingual user interface, 'Traffic Light'  status indicator Plug-in rechargeable Li-ion battery,  Operating Time: &gt;10 h (screen backlight dimmed); &gt;7 h (full screen backlight), Data  storage on plug-in memory cards or USB flash drive, Back-erase to delete  unwanted noise events, PC software for archiving, exporting and reporting  Robust and environmentally protected (IP 44), IEC/ANSI SLM standards  Type/Class 1 Real-time sound and frequency analysis in 1/1- and 1/3-octave  bands, 1/1-octave spectra (centre frequencies 8 Hz to 16 kHz), 1/3-octave spectra  (centre frequencies 6.3 Hz to 20 kHz). Broadband statistics based on LAeq, LAF or</p>	01 set

	<p>LAS, Broadband frequency range: 3 Hz – 20 kHz  A- or B-weighted: (Switchable) broadband detector channel with three exponential time weightings (Fast, Slow, Impulse), one linearly averaging detector and one peak detector  C- or Z-weighted: (Switchable) as for A- or B-weighted, Overload Detector should monitor the overload outputs of all the frequency weighted channels  <b>MEASUREMENTS</b>  X = frequency weightings A or B, Y = frequency weightings C or Z, V = frequency weightings A, B, C or Z, U= time weightings F or S, Q= exchange rate 4, 5 or 6 dB, N= number between 0.1 and 99.9  Battery Indicator: Remaining battery capacity and expected working time may be read out in % and time , Should conform to the following National and International Standards:  • IEC61672–1 (2002–05) Class 1, • IEC60651 (1979) plus Amendment 1 (1993–02) and Amendment 2, (2000–10), Type 1, • IEC60804 (2000–10 ), Type 1, • DIN 45657 (1997–07), • ANSIS1.4–1983 plus ANSI S1.4A–1985 Amendment, Type 1. • ANSIS1.43–1997, Type 1  <b>TEMPERATURE</b>  IEC 60068–2–1 &amp; IEC 60068–2–2: Environmental Testing. Cold and Dry Heat , Operating Temperature: –10 to + 50°C (14 to 122°F), &lt;0.1 dB, Storage Temperature: –25 to +70°C (–13 to +158°F  Prepolarized Free-field ½◇ Microphone Nominal Open-circuit Sensitivity: 50 mV/Pa (corresponding to 26 dB re 1V/Pa) ±2 dB, Capacitance: 12.5 pF (at 250Hz)</p> <p><b>Distillation Set</b>  <b>Distillation Unit, Single Stage, All Glass with Quartz Heater</b>  Main Body: Mild Steel Powder coated, Type: Single with Auto Cut-off, Power: 3.0 kW, Cooling Water Requirement (Approx.): 60 Ltrs/Hr, Output: &gt;3 Ltrs/Hr, Conductivity µS/cm: &lt;5, Glass: Borosilicate, Heater Load: 1 KW Each, Heater material: Ceramic with Spiral element, Heater Tube: Quartz / Silica Glass, Single Distillation Unit Output: 1.5Litre/Hr, 3.5Litre/Hr</p> <p><b>Pulverizer</b>  Disc Size:- 6-8" , Feed Size:- 2-4 mm, Product Size:- 100-300 Micron , Capacity:- 10-25 Kg Per Hour  Operation ON:- 3 H.P. 3 Ph. 1440 R.P.M. 440 Volts 50 Hz Main AC supply</p>	<p>01 set</p> <p>01 no.</p>
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- The quotationer shall quote the quality/specification if any. Deviations from the specifications stated above, if any, may be mentioned in a separate sheet.
- Rates of all the instruments must be inclusive of all the standard accessories.

**A . Price Bid Proforma for INR**

Name of the Firm: \_\_\_\_\_

Sl. No.	Name of the Instrument Make: Model No.:	
01	(A1) Base Price/Unit	
02	(A2) VAT @	
03	(A3) Freight Charge (if any)	
04	(A4) Any Other (If any, Mention Details)	
05	(A ) Total= A1+A2+A3+A4 in INR	
06	IN WORDS	

**Note-** (i) Price Bid proforma should be provided individually for all equipments.

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