

**Format for Submission of Expression of Interest and details specification of  
Electronic workbench**

**Brief about Expression of Interest.**

Name of the Equipment/ Good	<b>Electronic workbench</b>
Location of the Supply	Veer Surendra Sai University of Technology, Burla, Odisha-768018
Name of Authority	Vice-Chancellor
Eligible firms	The firm should be the OEM/Authorized Dealers of the OEM having experience in supply and maintenance of the same item earlier.
Date of Submission of EOI	Last date is 28.11.2019
Contact person	Nodal Officer, Procurement, TEQIP-III, VSSUT, Burla
Phone Number of Contact person	9437177717
Email	<a href="mailto:pcvssutb@gmail.com">pcvssutb@gmail.com</a>
Address for submission of EoI	<u>Nodal Officer, Procurement, TEQIP</u> Veer Surendra Sai University of Technology, Burla, Odisha-768018.
Selection Process	Stage1: Expression of Interest (EOI); Stage 2: Quotation proposal submission in TEQIP-III format
<ul style="list-style-type: none"> <li>• <b><u>The EoI will be submitted by Speed Post/Registered Post only</u></b></li> <li>• The sealed envelope containing the EoI should be super scribed with “<b>Expression of Interest (EoI) for supply of Electronic workbench in Department of ETC</b>”</li> </ul>	

**Specifications of Electronic workbench:-**

Basic Electronic Workbench, Heavy duty all welded (2mm X 38mm) approx. round tubular mild steel structure. construction should be for long wearing use. Sufficient working area with appx.18mm wooden top and anti-static mat.,

Work Station Dimensions :

Width 900 mm, Height 1450 mm approx. (with leveling screws), Depth 750 mm

Major Specifications :

- \* Epoxy Coated 2mmX38mm mild steel tubular structure
- \* Epoxy coated 1.0mm mild steel instrument and electric panels
- \* 18 mm thick laminated wooden top
- \* Table Top Height 750mm approx(with leveling screws)
- \* One pullout drawer with lock.

- \* Anti-static mat on working area.
- \* Separate platform for soldering station .
- \* 4 leveling screws.

#### Electric Panel :

- \* Electric panel with four no. 5 amp modular switch & sockets.
- \* 25A modular DP MCB for overload protection.
- \* Mains indicator.

Workbench should consist of following Instruments in single quantity.

- 70 MHz Digital storage Oscilloscope - Bandwidth- 70 MHz, No. of Channel-2, Sampling Rate- 1GSa/s, Max input: -400V(peak ac+dc, 1M $\Omega$  input impedance), Record Length-2 Mega points, Display- High Resolution TFT LCD Display, Vertical Base: - 2mV/div to 5V/div of Vertical Range, Time Base: - 5ns/div to 50s/div of Time Base Range, Waveform Update Rate: - 200 wfm/s, Memory: -16Kpts, Resolution: 8 bit, Trigger sensitivity: 1 div from DC to 10MHz, 1.5 div from 10 MHz to max BW, Measurement of different voltage and time parameters, Provision for USB interface
  - 3MHz Function Generator - Waveforms: Sinusoidal, Triangular, Square wave, DC, impulse. D.C. off-set:-All waveform. Frequency range: - 0.5Hz to 3 MHz., Output Voltage: - 20mv to 20V (P-P). Frequency Display: 4 digit LCD, Modulation:- Internal sweep or External Frequency, Power requirement:- 230V AC +/- 10% 50Hz.
  - Bench top DC power supply - DC 0 to 30V/2A ,0 to +/-15V /1A Tracking, 4.5 to 5.5 /5A, Digital Display for voltage and current, Protection against overload and short circuit, Adjustable current limiter, Constant current & constant voltage
  - 4 1/2 Hand Held Digital Multi Meter - DC voltage: - Manual mode only, Range :200mV, 2V, 20V, 200V, 1000V, Resolution:10 $\mu$ V, 100 $\mu$ V, 1mV,10mV,100mV, Accuracy :200mV - 200V: $\pm$  (0.02%o.rdg. +0.02%o.r.+1d), 1000V: $\pm$  (0.03% .o.rdg+0.02% o.r.+1d), Protection: Manual: 200mV - 2V:  $\pm$ 380V Auto:  $\pm$ 550V, 20V -200V:  $\pm$ 1000V,1000V:  $\pm$ 1200V, AC voltage: -Manual mode only, Range 200mV, 2V, 20V, 200V, 750V/ 300V Auto Resolution: 10 $\mu$ V, 100 $\mu$ V, 1mV,10mV,100mV, Protection Manual: 200mV - 2V Auto :20V -200V, 200V - 750V: $\pm$  (0.3% o.rdg. + 0.2% o.r.+ 3d), Manual: 200mV - 2V: DC CURRENT: Range :200 $\mu$ A, 2mA, 20mA, 200mA, 2000mA, 20A, Resolution: 10nA, 100nA, 1 $\mu$ A,10 $\mu$ A,100 $\mu$ A, 10mA, Accuracy: 200 $\mu$ A - 2000mA: $\pm$  (0.1% o.rdg. + 0.05% o.r.+2d), AC CURRENT: 200mA/20A, Accuracy:  $\pm$  (1.5%+25)
  - Soldering Station - 60 Watt Soldering Station, Soldering iron with pre-loaded standard tip, Iron holder, Power cord
- ESD Wrist Strap

## APPLICANT'S EXPRESSION OF INTEREST

To,  
Nodal Officer, Procurement, TEQIP-III  
TEQIP Cell  
Veer Surendra Sai University of Technology  
PO- College of Engineering, Burla  
Sambalpur - 768018  
Odisha

Sub: **Submission of Expression of Interest for supply of ..... with the given  
Technical specification under TEQIP-III.**

Dear sir

In response to the Invitation for Expressions of Interest (EOI) published on \_\_\_\_\_ for the above purpose, we would like to express interest to carry out the above proposed task. As instructed, we agree to supply the equipment /item with the following Technical specification:

### **Technical specifications**

### **Organizational Details :**

1. Name of the Organization
2. Complete postal address with pin code:
3. GST No:
4. PAN No.:
5. Telephone No.
6. Fax Number
7. Mail Id:
8. Name of representative:
9. Representative Mobile Number :
10. Representative E mail Id:

**Experience in related fields:** Attach the purchase orders if supplied to the institutions or organizations of repute. This is a key requirement to consider a firm for inviting quotation.

### **Additional information (if any):**

**Declaration:** We hereby confirm that we are interested in supplying the above equipment/item as per the given Technical specification to VSSUT, Burla under TEQIP III and we certify that our organization has not been blacklisted during last three financial years. All the information provided herewith is genuine and accurate.

Sincerely Yours,

Signature of the applicant

[Full name of applicant]

Stamp.....

Date:

**Note: This is to be furnished on the letter head of the organization and signed in every page.**