

**Format for Submission of Expression of Interest and details specification of  
Pressure Aging Vessel (PAV)**

**Brief about Expression of Interest.**

Name of the Equipment/ Good	<b>Pressure Aging Vessel (PAV)</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 24.02.2020
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 Pressure Aging Vessel (PAV) in Department of Civil Engg.</b>”</li> </ul>

**Specifications:-**

**PAV Operation:** Digital Indication & Control

Accuracy  $\pm 0.03$ MPa of set-point

PAV Operating Pressure: 0.00MPa to 2.10MPa [305 psi]

**Pressure Measurement via Solid-state pressure transducer with:**

Resolution: 0.5 psig [0.003MPa] & Accuracy: 0.5% ( $\pm 0.01$ Mpa)

Range: 0-500 psig [0-3.45MPa]

**PAV Operating Temperature Range:**

Fully-Automatic at 90.0° C, 100.0° C, 110.0° C (& 85.0° C under EN14769 Standard)

Semi-Automatic from 60.0° C to 120.0° C (with Research & Development Software)

Non-Automatic (Manual Mode) from Ambient to 129DegC

Temperature Measurement: Precision Platinum RTD, 0.1° C resolution: Accuracy $\pm 0.1$ ° C

Temperature Control PID digital indication and control: Accuracy Set-point  $\pm 0.3$ ° C

Temperature Uniformity  $\pm 0.5$ ° C of Aging Temperature Set-point when pressurized

Over temperature Protection Oven 150° C Limit Shut-Down Switch

Timing System Clock-controlled microprocessor, 0.1% accuracy on all functions

**Timing Displays:**

[1] Elapsed Aging Time [from pressurization];

[2] Cumulative time out of temperature tolerance [ $\pm 0.5$ ° C];

[3] Cumulative time out of pressure tolerance [ $\pm 0.5$ ° C]

## 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:
11. Annual Turnover of the firm/company.

**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.**