



Shri Sangameshwar Education Society, Solapur  
Kannada Linguistic Minority Institute

## SANGAMESHWAR COLLEGE, SOLAPUR AUTONOMOUS

NAAC Accredited with 'A' Grade (III Cycle C.G.P.A. 3.39)  
Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
SOLAPUR - 413 001. (MAHARASHTRA)

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REF. NO.: SC/2026-27/ 212

06<sup>th</sup> June, 2026

### E-TENDER NOTICE

Sealed quotations/e-tenders are invited from reputed manufacturers, authorized dealers and eligible suppliers for the supply, installation, commissioning and on-site training of **Potentiostat (with provision for future Multichannel Upgradation)** for the Department of Chemistry, Sangameshwar College, Solapur (Autonomous).

Interested vendors may obtain detailed technical specifications and tender conditions from the college office/website.

**Last Date for Submission of Tender: 14<sup>th</sup> June 2026 up to 06.00 PM**

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



*R.P.B.*  
6.6.26

I/c Principal

Sangameshwar College, Solapur  
(Autonomous)





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Solapur**

**e - Tender**

**For**

**Purchase of Potentiostat  
(Multichannel Upgradation in future)**

**[Department of Chemistry]**

Seal and Signature of Vendor



SANGAMESHWAR COLLEGE, SOLAPUR AUTONOMOUS

E - Tender Form

**Purchase of Potentiostat (Multichannel Upgradation in future)**

- 1) Name of Bidder :
- 2) Full Address :
- 3) Mobile :
- 4) E-mail ID :
- 5) G.S.T. Registration Certificate No. :
- 6) PAN No. :

Authorized Signatory :

Name :

Designation :

Seal & Signature of Vendor

Seal and Signature of Vendor



**SANGAMESHWAR COLLEGE, SOLAPUR AUTONOMOUS**  
**Department of Chemistry**

**MAIN TENDER DOCUMENT**

**Name of Work: - Potentiostat (Multichannel Upgradation in future)**

Tender Notice No.: \_\_\_\_\_

Date: \_\_\_\_\_

Sealed quotations / e-tenders are invited from eligible and authorized vendors/suppliers for the supply of the following items/equipment/materials for Sangameshwar College, Solapur (Autonomous).

Sr. No.	Particulars of Items	Quantity	Estimated Cost
1	Potentiostat (Multichannel Upgradation in future)	1	

**Terms and Conditions**

The tender should be submitted in a sealed envelope superscribed as  
“Tender for Supply of Potentiostat (Multichannel Upgradation in future).”

The rates quoted should be inclusive/exclusive of GST clearly mentioned.

**The vendor shall submit:**

GST Registration Certificate

PAN Card copy

Authorized dealership certificate (if applicable)

Previous experience details, if any

The quoted items should conform to the specifications prescribed by the college.

Seal and Signature of Vendor

The college reserves the right to accept or reject any tender without assigning any reason thereof.

Delivery of materials/items shall be completed within \_\_\_\_\_ days from the date of issue of purchase order.

Payment shall be made after satisfactory installation/supply and verification.

The last date for submission of tender is \_\_\_\_\_ up to \_\_\_\_\_ p.m.

The tender will be opened on \_\_\_\_\_ at \_\_\_\_\_ p.m. in the presence of available bidders.

Incomplete or late tenders shall not be considered.

**Address for Submission**

The Principal

Sangameshwar College, Solapur (Autonomous)

Solapur, Maharashtra

PIN: 413001

Seal and Signature of Vendor

## Technical Specifications for the Potentiostat

This tender includes the supply, installation, commissioning and on-site training in the use of a **Potentiostat (Multichannel Upgradation in future)** fully self-contained with all necessary support systems such as backup (UPS) power supply system. The instrument must be a state of art, computer-controlled user-friendly system. The system should be upgradeable for future attachments. The **Potentiostat (Multichannel Upgradation in future)** must have the following specifications:

### Technical Specifications

<b>No. of channel</b>	01 channel and facility to add 07 more channels
<b>Interface</b>	USB
<b>Compliance Voltage</b>	±18 V or more
<b>Applied voltage</b>	±15 V or more
<b>Voltage accuracy</b>	0.1% or better
<b>Current ranges</b>	± 5 nA to ± 500 mA, with 9 or more current ranges
<b>Maximum current</b>	± 500 mA
<b>Current accuracy</b>	0.1 % or better
<b>Input impedance</b>	1 Tera Ohms
<b>Impedance Frequency range</b>	10 µHz to 5 MHz or better
<b>Amplitude</b>	10µV to 5V or better
<b>IR Compensation</b>	Yes, Manual and Automatic static

### Software requirements

<b>Voltammetry Software</b>	CV, LSV, Staircase Voltammetry
<b>Impedance Spectroscopy software</b>	Potentiostatic EIS, Galvanostatic EIS, HFR
<b>Pulse software</b>	DPV, SWV, Stripping voltammetry, Chrono amperometry, Chronopotentiometry
<b>Corrosion</b>	Potentiostatic/Galvanostatic- Galvanodynamic, Tafel
<b>Battery/Super capacitor/Fuel cell:</b>	Charge/discharge Constant potential, GITT, PITT, Constant current, constant power, I-V Characterization, OCP

Seal and Signature of Vendor

<b>Complete analysis software for CV</b>	
<b>EIS circuit fitting software</b>	
<b>Free Lifetime up gradation of the software</b>	

**Data Acquisition system**

Branded Desktop i5, 16GB RAM, 512 GB, Win 11, Screen 21” – 1 No

**Warranty**

02 years Manufacturer’s warranty should be provided.

Seal and Signature of Vendor