

20th July, 2015

Invitation of quotation for supplying the Potentiostat

Indira Gandhi National Centre for the Arts (IGNCA), an Autonomous Trust under Ministry of Culture invites sealed quotation for supply of one Potentiostat.

Purchasing Specifications for Potentiostat System		
Feature	Specification	Advantage
The System Should include a Potentiostat/Galvanostat with softwares for Corrosion, Electrochemical Impedance and Noise analysis with appropriate cell systems		
Cell Connections	2,3 or 4 Electrodes all floating	Floating electrodes required for corrosion studies with grounded structures such as autoclaves.
SYSTEM		
Compliance Voltage		>±22 V
Max. Current		±600 mA
Current Ranges		13(60 pA-600mA) with auto ranging
Min. Voltage Resolution		1 µV
Min. Current Resolution		0.02 fA
Max. Applied Potential		±11 V
Min. Potential Step		12.5 µV
EIS MEASUREMENT		
Frequency Range		10 µHz – 1 MHz
EIS Measurement accuracy at 1 MHz.		Yes
ELECTROMETER		
Input Impedance		>100 TΩ
IR Compensation		By Current Interrupt Mode
Software to run and analyze following experiments		
Software Should be Compatible with Windows 8		
Corrosion Potential		DC105 Corrosion Techniques Software
Polarization Resistance		
Tafel Plots		

Potentiodynamic Plots	
Cyclic Polarization	
Critical Pitting Potential	
Galvanic Corrosion	
Electrochemical Reactivation	
Potentiostatic	
Galvanostatic	
Galvanodynamic	
Potentiostatic EIS	EIS300 Electrochemical Impedance Software
Galvanostatic EIS	
Single Frequency EIS	
Mott Schottky	
Accessories	
Computer System and other accessories	A Pentium 4 processor based computer system with Windows 8 Software, Printer and UPS should be quoted. Graphite rods (4 numbers), The quoted price should include Calomel electrode (01 number), instrument manuals, dummy cells for calibration and other necessary accessories to run the instrument.

If your firm is interested you may send the sealed tender for supply of above mentioned items with mentioned specification on or before 19th August, 2015 on or before at 4 p.m. positively to the undersigned. The quotation will be opened on 24th August at 3.00 pm. The quotation received after due date and time will not be entertained.

The terms and conditions for the quotation are indicated below;

1. The IGNCA reserves the right to accept or reject any or all quotations without assigning any reason whatsoever.
2. Delivery schedule: 30 days from the date of issue of the work order.
3. Payment: the payment will be made only after completion of the job to the satisfaction of the authorized officer.
4. Price of the equipments should be quoted only in Indian rupee (INR).
5. Taxes and other statutory duties to be shown separately and clearly.
6. Furnish the details of previous experiences of supplying the scientific equipments.

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