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Date: 02.03.2020

Retender CORRIGENDUM TO TENDER NO
No: IISER/PUR/1087/AM-P/SC/19-20

**Sub: Supply, Installation and commissioning of Electrochemical
workstation**

Ref: Tender Enquiry No. 2019_IISRT_520647_2

As none of the vendors are technically qualified, the tender is retendered with revised specifications (refer Annexure I). The important dates are revised dates are as under.

Due date for submission of bids: 17.03.2020 (03.00 P.M)

Due date for opening of technical Bids: 18.03.2020 (03.30 P.M)

Thanking You,

Yours Faithfully

Deputy Registrar (P&S)

Annexure - I

Specifications for Multichannel Electro Chemical Workstation

No. of. Channels required: 03 independent channels and facility to add 5 more channels

Channel 1-3 Specifications

Compliance Voltage: $\pm 18V$ or more

Applied voltage: $\pm 14 V$ or more

Voltage accuracy: 0.1% or better

Current ranges : $\pm 5nA$ - $\pm 500mA$, with 6 or more current ranges

Minimum applied current: $\pm 100pA$

Current accuracy: 0.1% or better

Electrode connection: 2, 3 & 4

Impedance Frequency range from 10 μHz to 5 MHz or better – At least 1 channel should have EIS facility.

Instrument should have facility work in Bi-pot mode.

Amplitude: 100 μV to 5V or better

Computer interface: USB/Ethernet

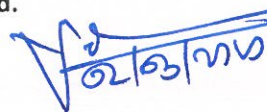
Additional voltage recording input (ADC) for 0-10V range. Input received in this channel should be scalable and interpretable to control the software measurement protocols. (e-g: recording QCM info etc..)

Software requirements:

- Voltammetry Software- CV, LSV, Staircase Voltammetry
- Impedance Spectroscopy software- Potentiostatic EIS, Galvanostatic EIS
- Pulse software: DPV, SWV, Stripping voltammetry, Chrono amperometry , Chronopotentiometry
- Corrosion: Potentiostatic/Galvanostatic- Gavanodynamic, Tafel ,Electrochemical noise
- Battery/Super capacitor: charge/discharge Constant potential, GITT, PITT, Constant current, constant power
- Complete analysis software for CV
- EIS circuit fitting facility and software with licence(if required) +
- Free Life time up gradation of the software.

Warranty

5 years Manufacturer's warranty should be provided.


02/03/2020