



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

PUNE

CLARIFICATION ON TENDER NUMBER - IISER-PUR-1044-15

ITEM DESCRIPTION- PROCUREMENT OF GALVANOSTAT/POTENTIOSTAT WORK STATION

Refer our Press Tender Notice No.IISER/S&P/16/15-16 dated 28.1.2016 for procurement of Galvanostat/Potentiostat Work Station . Tender Reference Number - IISER-PUR-1044-15.

Pre-Bid meeting was held on February 09<sup>th</sup> , 2016 at 4.00 PM and minutes of meeting is as under.

At the outset, the Chairman welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the Project and thereafter requested Assistant Registrar (S&P) to brief the vendors on the salient features of the commercial terms and the indenting Officer to read out the clarification sought by the Prospective Bidders and replied thereto as detailed in Annexure -II

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Pune and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

The other terms & conditions of the notice issued on our IISER website [www.iiserpune.ac .in](http://www.iiserpune.ac.in) will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

9.2.2016

Sd/-  
Assistant Registrar (S&P)



## IISER PUNE

**PRE-BID CONFERENCE FOR PROCUREMENT OF GALVANOSTAT/POTENTIOSTAT WORK STATION**

## TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISER-PUR-1044-15

DATE : 9.2.16

Refer Chapter 4 , Page No - 25 of tender document - SPECIFICATION OF GALVANOSTAT/POTENTIOSTAT WORK STATION

Query/Clarification Sought	Specification	Clarification / Amendment
Workstation (with Software)		
No. of Channels- 3	Impedance facility	Impedance facility
Potential Range:	+/- 30V	≥ +/- 30V
Maximum Current	+/- 1A (without booster)	≥ +/- 1A (without booster)
Current Range	+/- 5nA to +/- 1A	≤ +/- 10 nA to ≥ +/- 1A
Compliance voltage	+/- 30V	+/- 30V
Voltage Resolution	1μV	≤5μV
Current resolution	800fA	800fA or better
Potentiostat Bandwidth	8 MHz	≥7 MHz
Impedance frequency range	10 μHz to 7MHz	10 μHz to ≥7MHz
CV and LSV scan rate	20μV/s to 200 V/s or better for all the channels	20μV/s to 200 V/s or better for all the channels

Refer Chapter 4 , Page No - 25 of tender document -SPECIFICATION FOR ACCESSORIES OF GALVANOSTAT/POTENTIOSTAT WORKSTATION

Query/Clarification Sought	QTY	SPECIFICATION	Clarification / Amendment
Modulated Speed Rotator (includes motor controller and enclosure)	1		
Power		240 VAC; +/-10%, 50 Hz; 2	240 VAC or better; +/-10%, 50 Hz; 2A
Operating Temperature		10°C to 40°C	10°C to 50°C
Speed Control		Closed loop servo-system	Closed loop servo-system
Speed Range		50 to 10,000 RPM	50 to 10,000 RPM or better
Accuracy		within 1% of LCD panel reading	within 1% of LCD panel reading
Bandwidth		@1000 RPM peak to peak modulation, 2000 RPM base speed: >50 Hz, -1dB	1000 RPM peak to peak modulation, ~2000 RPM base speed: >50 Hz, -1dB
MSR Shaft RDE tips	1		Standard
Power Cord	1		Standard
Glassy Carbon HotSpot RDE tip	2	5 mm disk OD	5 mm disk OD
Aqueous based Calomel electrode	1+1		~9 mm (single junction) & ~3 mm OD.
Aqueous based Ag/AgCl electrode	1+1		~ 9 mm (double junction) & ~ 3 mm OD.
Platinum rod electrode	2		Standard
Graphite Rod Counter Electrode Kit	2		≥ 10" length
Grafoil sheet	1		For Working electrode

IR lamp	1		For sample curing
Isolated glass chamber with 2"x2" window	1		Isolated glass chamber with 2"x2" window (total size approx. 12"x12")
Silver paint	1		For sample contact



IISER PUNE

**PRE-BID CONFERENCE FOR PROCUREMENT OF GALVANOSTAT/POTENTIOSTAT WORK STATION****COMMERCIAL QUERIES AND CLARIFICATION**

TENDER NUMBER - IISER-PUR-1044-15

DATE : 9.2.16

S.No	Query/Clarification Sought	Clarification / Amendment
	-----NIL-----	-----NIL-----