

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपती
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati - 517 507



MENTORED BY
Indian Institute of Science Education and Research Pune
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INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

CLARIFICATION ON TENDER NUMBER - IISERT-PUR-0124-15

ITEM DESCRIPTION- PROCUREMENT OF ELECTROCHEMICAL WORKSTATION

Refer our Press Tender Notice No.IISER/S&P/08/15-16 dated 24.11.2015 for procurement of Electrochemical Workstation. Tender Reference Number - IISERT-PUR-0124-15.

Pre-Bid meeting was held on December 04th , 2015 at 2.00 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 / additons / 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 will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

4.12.2015

Sd/-
Assistant Registrar (S&P)



IISER PUNE

PRE-BID CONFERENCE FOR PROCUREMENT OF ELECTROCHEMICAL WORKSTATION

TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT-PUR-0124-15

DATE : 4.12.15

S.No	Query/Clarification Sought	Clarification / Amendment
1	Max./Min Current range not mentioned. Generally 1 A current is required for Fuel Cell and Supercapacitors. Current range of 10 nA full scale or less is required for most of the electrochemical research applications like biosensors, conducting polymers, trace analysis etc.	Maximum Current range: ± 2 mA or above Minimum current range: ± 25 pA or better
2	What is the compliance voltage required. Generally 12V is required for most of the applications, especially if non aqueous solutions are to be used, atleast 20V is required.	Compliance voltage : at least ± 10 V.

3.	Required Potential Range is mentioned as +10 to -10 V. For any electrochemical experiment except battery and fuel cell research, potential range of +2V to -2V is sufficient. Please advise why 10V is required.	Potential range: ± 2 V or more
4	Required Potential Accuracy is mentioned as ± 5 mV. This is very poor. Most systems offer ± 1 mV	Potential accuracy ± 1 mV or better.
5	Potentiostat Rise Time is mentioned as < 10 μ s. This is very poor. It should be at least < 1 μ s. Especially if the time interval for CA is mentioned as < 1 μ s, a system with < 10 μ s rise time will not work.	Rise time < 2 μ s or better
6	CA and i-t sample interval is mentioned as < 1 μ s. This is not possible with a system with 10 μ s rise time	In both cases, sample interval : 1 μ s or better
7	The Power requirements for the system are not mentioned. Whether a USB powered system is required or a system working on 230V	Power requirements: 230 V supply
8	Any Cell / electrodes requirement is not mentioned in the specifications.	Gold and polished carbon micro-electrodes (both 2 numbers) 2 numbers of Ag/AgCl reference electrode. No cells are required.



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PRE-BID CONFERENCE FOR PROCUREMENT OF ELECTROCHEMICAL WORKSTATION

COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT-PUR-0124-15

DATE : 4.12.15

S.No	Query/Clarification Sought	Clarification / Amendment
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