



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

PRE-BID CLARIFICATION ON TENDER NUMBER - IISER/PUR/0792/22

ITEM DESCRIPTION- PROCUREMENT OF DIFFERENTIAL SCANNING CALORIMETER

Refer IISER Pune tender number no. IISER/PUR/0792/22 dated 24/03/2023 for Procurement of Differential Scanning Calorimeter.

An Online Pre-Bid meeting was held on 05/04/2023 at 3:00 PM and minutes of meeting is as under:

At the outset, the committee welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the tender and thereafter requested Assistant Registrar (S&P) to brief the bidders on the salient features of the tender.

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

05/04/2023

Sd/-
Assistant Registrar (S&P)

TECHNICAL AND COMMERCIAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF DIFFERENTIAL SCANNING CALORIMETER

S. No	Query/Clarification Sought	Clarification / Amendment
1	<u>Chapter No.4, Page No.25, Baseline Bow:</u> Baseline Bow (-50° -300° C) <100 μ W	<u>Chapter No.4, Page No.25, Baseline Bow is amended as:</u> Baseline Bow (or) Curvature (-50° -300° C) <100 μ W
2	<u>Chapter No.4, Page No.25, Baseline Accuracy</u> Baseline Accuracy (-50° -300° C) \pm 75 μ W	This point stands removed / deleted.
3	<u>Chapter No.4, Page No.25, Baseline Repeatability</u> Baseline Repeatability (-50° -300° C) <40 μ W	Tender specification prevail.
4	<u>Chapter No.4, Page No.25, Baseline Noise</u> Baseline Noise (-50° -300° C) <0.2 μ W	<u>Chapter No.4, Page No.25, Baseline Noise is amended as:</u> Baseline Noise (or) DSC Noise (-50° -300° C) <0.2 μ W (Clarification to Queries 4 and 5)
5	<u>Chapter No.4, Page No.25, Heat Flow Resolution:</u> Heat Flow Digital Resolution 0.001 μ W	<u>Chapter No.4, Page No.25, Heat Flow Resolution:</u> Heat Flow Digital Resolution 0.001 μ W (or) DSC Resolution 0.02 μ W
6	<u>Chapter No.4, Page No.25, Temperature Range:</u> Temperature Range -180 to 725°C (Total)	Tender specification prevail. <u>Clarification:</u> Many research groups in the institute has diverse material samples and we require low temperature cooling up to -180 °C. We also required liquid N2 coolant accessories to reach -180 °C
7	<u>Chapter No.4, Page No.25, Enthalpy Repeatability:</u> Enthalpy Repeatability \pm 0.4%	<u>Chapter No.4, Page No.25, Enthalpy Repeatability is amended as:</u>

		Enthalpy Repeatability (or) Enthalpy Accuracy $\pm 0.4\%$
8	<u>Chapter No.4, Page No.25, Heating Rate:</u> Heating rate 0.01 to 200°C/min	<u>Chapter No.4, Page No.25, Heating Rate is amended as</u> Heating rate 0.1 to 100°C/min
9	<u>Chapter No.4, Page No.25, Instrument Features:</u> DSC should have a Heat Flux design with integrated purge gas delivery control for at least two simultaneously installed gases. Programmable purge gas flow rate within operating software and gas delivery control with automated switching between two gases during the experiment.	Tender specification prevail.