INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

TIRUPATI

CLARIFICATION ON TENDER NUMBER - IISERT-PUR-0058-16

ITEM DESCRIPTION- ISOTHERMAL TITRATION CALORIMETRY

Refer our Press Tender Notice No.IISER/S&P/09/16 dated 7.10.2016 for procurement of Isothermal Titration Calorimetry. Tender Reference Number – IISERT-PUR-0058-16

Pre-Bid meeting was held on October 20th , 2016 at 14.00 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

Sd/-

20.10.2016 Assistant Registrar (S&P)

ANNEXURE -II

IISER TIRUPATI

PRE-BID CONFERENCE FOR PROCUREMENT OF ISOTHERMAL TITRATION CALORIMETRY

TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER – IISERT-PUR-0058-16 DATE : 24.10.16

S.No	Query/Clarification Sought	Clarification / Amendment
01	Page No – 22, Chapter 4, Point no. 5 The instrument must have a Cell configuration either Coin or Cylindrical attached to Peltier elements. Suggestion by one of the bidders "We recommend and offer a Coin shaped cell only"	For the current and future use of instrument, both coin or cylindrical cell configuration will comply. Tender specification prevails.
02	Page No -22, Chapter 4, Point no. 6 Cell type: Should be Non-capillary, enclosed in an adiabatic chamber, must be fixed in place, with working sample volume 0.2 ml or lower. Vendors to specify the working volume and the dead volume for the offered cell. Suggestion by one of the bidders "The specifications for the desired working volume and dead volume should be mentioned"	Amended specifications: Cell type: Should be Non-capillary, enclosed in an adiabatic chamber, must be fixed in place, with working sample volume 0.2 ml or lower. Vendors ***do not have to*** specify the working volume and the dead volume for the offered cell.
03	Page No – 22 , Chapter 4 , point no 7 The instrument must have a high-sensitivity cell made of compatible material like Hastelloy or Gold (Au0) to allow for the widest range of reagent chemistry, easy cleaning and facilities efficient stirring of the solution. Vendors to specify the working detail about the resistivity of	Amended specifications : The instrument must have a high-sensitivity cell made of Hastelloy to allow for the widest range of reagent chemistry, easy cleaning and facilities efficient stirring of the solution. Cell material should have very high chemical resistance and

	the constituent material to various possible samples. Cell material should be very high chemical resistance to extremes of pH and solvents. Suggestion by one of the bidders "Hastelloy® Alloy C-276 is exceptionally inert material which is having excellent chemical resistance towards various chemicals and extremes of pH range from 2-12 of solvents even though it will not respond to S-containing groups or strong reducing agents thus prevent the analysed sample to react with the cell wall itself. We therefore request a confirmation that only Hastelloy is acceptable."	should tolerate extremes of pH and solvents. Also, the cell should not react with S-containing groups or strong reducing agents.
04	Page No – 22 , Chapter 4 , point no 14 The instrument must have a Short term noise ≤0.019 µWatt. Suggestion by one of the bidders "We request you to please reconfirm this specification. Our system offers the following specification: 0.2 ncal/s - At the cell temperature = 25 °C, no feedback, 5 s f ilter period and stirring speed =1000 rpm. 0.2 ncal/s translates to 0.8 nanoWatt."	The noise requirement is sufficient for the use of the instrument. Hence, tender specification prevails.
05	Page No – 23 , Chapter 4 , point no 17 Should have user definable mixing speed. Suggestion by one of the bidders "We request that the specification should mention the desired speed range."	Amended Specifications: For the current and future applications of the instrument, stirring speeds of minimum up to 1000 rpm is required.

ANNEXURE -III

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PRE-BID CONFERENCE FOR PROCUREMENT OF ISOTHERMAL TITRATION CALORIMETRY

COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER – IISERT-PUR-0058-16 DATE : 24.10.16

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