



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

PREBID CLARIFICATION ON TENDER NUMBER - IISER/PUR/1212/22

Item Description- Procurement of UV-Vis-NIR Absorption Spectrophotometer.

Refer a domestic tender published on Institute website www.iiserpune.ac.in and on CPP Portal on **11/10/2022**.

Pre-Bid meeting was held on **19/10/2022** 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 / 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 will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

19/10/2022

Sd/-
Assistant Registrar (S&P)

TECHNICAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF UV-VIS-NIR ABSORPTION SPECTROPHOTOMETER

S. No	Query/Clarification Sought	Clarification / Amendment
1	<p>Chapter 4, Page No - 24, Point 1, Spectral range</p> <p>Clarification regarding “the specific application beyond 2500 nm”</p>	<p>Tender specification prevails and only instrument with spectral range ~ 200-3300 nm will be accepted.</p> <p>We will be routinely working with samples that have strong absorption features in the UV, Visible and NIR regions that can extend upto ~3300 nm. For this reason, we require an instrument with a spectral range ~200 to 3300 nm.</p> <p>Tender specification prevails.</p>
2	<p>Chapter 4, Page No - 24, Point 2, Photometric absorbance</p> <p>Clarification regarding “increasing the Photometric absorbance range above 8 Abs”</p>	<p>We have already mentioned the photometric absorbance to be 6 Absorbance or higher. So, 8 Absorbance falls within the specification asked for.</p> <p>Tender specification prevails.</p>
3	<p>Chapter 4, Page No - 24, Point 3, Wavelength accuracy</p> <p>Clarification regarding “modifying the wavelength accuracy to ± 0.08 nm in UV/vis region and ± 0.30 nm in NIR region”</p>	<p>We have already mentioned the wavelength accuracy to be “minimum ± 0.2 nm in UV-vis region and minimum ± 0.8 nm in NIR region”. So, ± 0.08 nm and ± 0.30 falls within the specification asked for.</p> <p>Tender specification prevails.</p>
4	<p>Chapter 4, Page No - 24, Point 3, Resolution</p> <p>Clarification regarding “modifying the resolution to 0.05 nm”</p>	<p>We have already mentioned the resolution to be “0.01 nm or better”. So, 0.05 nm falls within the specification asked for.</p> <p>Tender specification prevails.</p>

5	<p>Chapter 4, Page No - 24, Point 3, Spectral Bandwidth</p> <p>Clarification regarding “modifying the spectral bandwidth to 0.05 nm - 5.00 nm in 0.01 nm increments in UV/vis range and 0.20 nm - 20.00 nm in 0.04 nm increments in NIR range”</p>	<p>We have already mentioned the spectral bandwidth to be “minimum 5 steps in UV-vis region from ~ 0.1 to 10 nm and minimum 8 steps in NIR region from ~ 0.2 to 30 nm”. So, the modification requested falls within the specification asked for.</p> <p>Tender specification prevails.</p>
6	<p>Chapter 4, Page No - 24, Point 3, Stray Light</p> <p>Clarification regarding “modifying the stray light to < 0.00007 % T at 220, 340, and 370 nm measured according to ASTM E-387”</p>	<p>We have already mentioned the stray light to be “0.0005% or less at ~ 340 nm”. So, < 0.00007 % falls within the specification asked for.</p> <p>Tender specification prevails.</p>
7	<p>Chapter 4, Page No - 24, Point 3, Signal to noise ratio</p> <p>Clarification regarding “modifying the photometric reproducibility to be ≤ 0.00008 A”</p>	<p>We have already mentioned the signal to noise ratio to be “Approx. 0.00007 Abs or less at ~ 500 nm, 0.0001 Abs or less at ~ 900 nm, 0.00005 Abs or less at ~ 1500 nm.” So, ≤ 0.00008 A falls within the specification asked for.</p> <p>Tender specification prevails.</p>
8	<p>Chapter 4, Page No - 24, Point 4, Light sources</p> <p>Clarification regarding “inclusion of pre-aligned tungsten-halogen and deuterium”</p>	<p>The modified specification reads:</p> <p>“Light sources: Deuterium and Halogen lamps with built-in light source automatic position adjustment. OR Pre-aligned Deuterium and Tungsten-Halogen lamps.”</p> <p>Tender specification amended.</p>
9	<p>Chapter 4, Page No - 24, Point 5, Detector</p> <p>Clarification regarding “inclusion of two detector system: photomultiplier R6872 detector in the UV-vis region and peltier-cooled PbS detector in the NIR region”</p>	<p>Tender specification prevails and only instrument with three detector system will be accepted.</p> <p>We require linear response of signal in the spectral range ~ 200 - 3300 nm, with low noise level. Also, there should not be any decrease in the sensitivity in the detector switchover range. Thus, three detectors are essential to cover the entire spectral range: photomultiplier tube for UV-vis region, and InGaAs and PbS for NIR region.</p> <p>Tender specification prevails.</p>

COMMERCIAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF UV-VIS-NIR ABSORPTION SPECTROPHOTOMETER

S.No	Query/Clarification Sought	Clarification / Amendment
1	<p><u>Page No.13, Chapter No.2, Point No. 3, Sub-Point-3.1:</u></p> <p>Within fifteen (15) days of the award of contract, the vendor shall furnish a Security Deposit amounting to 3% of the purchase order value in the form of Demand Draft/Bank Guarantee (from scheduled Bank only) favoring the Director, Indian Institute of Science Education and Research, Pune.</p>	<p><u>Page No.13, Chapter No.2, Point No. 3, Sub-Point-3.1 amended as:</u></p> <p>After the award of contract, the vendor shall furnish a Security Deposit amounting to 3% of the purchase order value in the form of Demand Draft/Bank Guarantee (from scheduled Bank only) favoring the Director, Indian Institute of Science Education and Research, Pune.</p>
2	<p><u>Page No.20, Chapter No.3, Point No. 16, Sub-Point-16.2:</u></p> <p>If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per every week of delay subject to a maximum of 3% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.</p>	<p><u>Page No.20, Chapter No.3, Point No. 16, Sub-Point-16.2 amended as:</u></p> <p>If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per every week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier..</p>
3	<p>Clause Addition in chapter No.3</p>	<p>The price criteria should be on F.O.R., IISER PUNE. Govt. Levies like GST. if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, GST, if any.</p>