



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

CLARIFICATION ON TENDER NUMBER - IISER/PUR/1929/20

ITEM DESCRIPTION- PROCUREMENT OF ELECTROLUMINESCENCE LED MEASUREMENT SET-UP

Refer IISER Pune tender number - IISER/PUR/1929/20 for procurement of Electroluminescence LED Measurement Set-Up.

The detailed tender published on Institute website [www.iiserpune.ac.in](http://www.iiserpune.ac.in) and on CPP Portal on 06<sup>th</sup> July, 2021.

Pre-Bid meeting was held on July 23<sup>rd</sup>, 2021 at 3.00 PM via video conferencing and minutes of meeting is as under:

At the outset, the Assistant Registrar (S&P) welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the tender. Later on indenting Officer 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

23.7.2021

Sd/-  
Assistant Registrar (S&P)



## IISER PUNE

## PRE-BID CONFERENCE FOR PROCUREMENT OF ELECTROLUMINESCENCE LED MEASUREMENT SET-UP

## TECHNICAL &amp; COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISER/PUR/1929/20

DATE : 23.07.21

S.No	Query/Clarification Sought	Clarification / Amendment
1	<p>Page 25, S.N. 1</p> <p>“Please let us know the size of Glove Box. Are you planning to use the system in Vacuum? It is not possible to use these parts in Vacuum”</p>	<p>Nitrogen filled glove box. Not vacuum.</p> <p>Tender Specification Amended</p> <p>Glove box dimension: ~1100 mm (Length) x ~700 mm(Depth) x ~900 mm(Height). The length can be slightly adjustable.</p>
2	<p>Page 25, S.N. 2-3</p> <p>“Do you intend to connect both PMA's at the same time? What type of set up you are looking with the 2 PMA. Please define your expectation with Two PMA's. Two output form 2 PMA are combined by software and display with one data in software”</p>	<p>Two detectors for two different spectral range. Simultaneous measurement for both detector is good but not critically required. But provide, provide bifurcated Fiber connecting integrating sphere to both detectors (refer to S.N. 5 in page 26)</p> <p>Tender Specification prevails.</p> <p>No change in the specification.</p>

3	<p>“The measurement with changing the current (voltage) automatically is not possible. We request you to modify the specs accordingly”</p>	<p>Tender Specification prevails.</p> <p>No change in the specification.</p>
4	<p>“The parameter related to Luminosity factor is not available. We request you to modify the specs accordingly.”</p>	<p>Tender Specification prevails.</p> <p>No change in the specification.</p>
5	<p>Page 25, S.N. 4</p> <p>“We request you to change the Photo detector NIR range to 900 nm to 1650 nm”</p>	<p>Tender Specification Amended</p> <p>Wavelength range: 900 -1650 nm</p>
6	<p>Page 26, S.N. 14</p> <p>“The Lead time for the InGaAs Camera will be longer due to Export Licences that are needed to ship it. Please let us know if we can ship the C9920 system first and INGaAs Camera later (Will you allow partial shipment). The approx. Lead time for total shipment would be 5 to 6 months minimum.”</p>	<p>Tender Specification prevails.</p> <p>No change in the specification.</p>
7	<p>Page 25, S.N. 3</p> <p>Recirculation Chillers: “Are Only Chillers needed and not a heat exchanger? Does the Institute have a Heat exchanger available?”</p>	<p>Refer to section 1.1 and 1.2 for heat exchanger.</p> <p>Tender Specification prevails.</p> <p>No change in the specification.</p>
8	<p>“Regarding the commercial part, we request you to allow same Letter of Credit payment terms for both INR as well as foreign currency bids”</p>	<p>No change in tender terms &amp; conditions</p>
9	<p>Page No 25, S.N. 1</p> <p>“ Elaborate on Glove box compatibility, External quantum efficiency”</p>	<p>Discussed in the meeting. External quantum efficiency is a standard method.</p> <p>Tender Specification Amended</p> <p>Glove box dimension: ~1100 mm (Length) x ~700 mm(Depth) x ~900 mm(Height). The length can be slightly adjustable.</p>

10	<p>Page No 25, S.N. 3</p> <p>“Spectrum range is 350-1100. Will range of 250 nm to 1050 be acceptable?”</p>	<p>Tender Specification Amended</p> <p>Wavelength range: 350 -1050 nm</p>
11	<p>Page No 26, S.N. 7</p> <p>“Sample holder elaborate on requirement”</p>	<p>Tender Specification prevails.</p> <p>No change in the specification.</p>
12	<p>Page No 26, S.N. 9</p> <p>“Can you to make Keithley 2450 default as it has standard computer interface, touch screen etc”</p>	<p>Tender Specification Amended</p> <p>Keithley Interactive Digital Source Meter 2450</p>
13	<p>Page No 25, S.N. 4</p> <p>“We absolutely recommend Nir InGaAs camera channels upto 512 and optical resolution~3 nm.(instead of optical resolution of 9 nm as suggested in tender.”</p>	<p>Tender Specification prevails.</p> <p>No change in the specification.</p>
14	<p>Page No 26, S.N. 4</p> <p>“InGaAs Camera- Normally for imaging camera 2D arrays are used, but 1D array has been mentioned in tender, Frame rate ~500 fps, computer assisted Motorized stage required to convert line scan to image needs to be specified”</p>	<p>Tender Specification Amended</p> <p>InGaAs camera.  This is for visualizing and photography of infrared LED performance.  Wavelength range: 950 to 1650 nm  Pixel numbers: ~600 × 500 pixels; Pixel size: ~20µm × 20 µm; ~60 frames/s; operation and storage in ambient conditions with temperature ~ 25 oC and humidity up to ~80%. All necessary accessories, including Ethernet interface, camera adapter,USB sets, and cables must be provided. Option of Peltier cooling to +10 °C.  Details specifications/performance chart of the camera needs to be provided.</p>

15	“Technical Query related to INTEGRATING SPHERE.”	Refer to Page 25, S.N. 2 Tender Specification prevails. No change in the specification.
16	“Amount of EMD”	NIL Amount of EMD is to be submitted with bid document