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NIT No.: IITI(MM)/ME/392/MLT/HY/2025-2026 **February 10, 2026**

PREBID REPORT

The meeting for Pre-bid discussion was held at **IIT-Indore through online via google meet on 02/02/2026 at 03.00 PM onwards** for Custom bid on GeM Portal for **the procurement of Particle Flow Imaging System**.

The report of the meeting is as mentioned below.

Sl. No.	Reference of the Clause/ Page No. of the Tender Document	Query raised	Response from IITI
	M/s. Tesscorn Aerofluid Inc.		
1.	Technical specification	**PIV Laser+ Power supply for Laser with Proper Cooling System** As per the pre-bid meeting, the tender does not specify about the Light guiding arm. To have a better stability, robust, reliability, we wish to offer our Quantel Evergreen 200-15 Hz Laser which is MIL 810 complied + IP 66 sealed and comes with a monolithic design. Please ensure the cable length is more than 10 m because as mentioned in the pre-bid	**Since we are not purchasing a laser arm, the monolithic design of the laser will help in shifting the laser from one place to other.**

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		discussion, the laser has to be transported depending on the setup so it is better to have a lengthy cable **1 set of Light sheet module for Planar measurement** We offer Light sheet optics which has a damage threshold of 2J/cm2 for 10 ns (Compliance and better) along with the divergence lens of -10, -20 mm which can Illuminate the max. area i.e. much greater value than 200 x 200 mm	**Updated Specifications:-** **(V) damage threshold of 2J/cm2 for 10 ns ....** **(VII) divergence lens of -10, -20 mm**
		PIV Camera+ Accessories We offer 260 fps at 8-bit at normal mode+ 831 fps at 8-bit at binning mode **Pixel depth:8/12-** We offer 8/10/12 bit and can achieve 260 fps at 10 bit also **Interframing Time: 120 ns or less.** We offer 500 ns Inter-framing Time since 120 ns I.T. is for smaller ROI/FOV	**(I): 260 fps at 8-bit at normal mode+ 831 fps at 8-bit at binning mode** **(IV)Interframe Time (ns): 500 ns or less** **(VI)Pixel Depth (bit): 8/ 10/12**
		Synchronizer for high accuracy timing of cameras, intensifiers and lasers **Time resolution: 25 ns-** We offer 10 ns time resolution. In most of the PIV scenario, the pulse width of the Laser is in order of 6-10 ns so the standard resolution should be 10 ns. **Synchronization input- 1 or**	**(iii) Synchronization output- 24, TTL** **(VI) Interface: USB/ C port**

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		more, TTL- We offer 2 input channels **Synchronization output- 6 or more, TTL-** We offer 24 output channels since LaVision PTU 11 can handle the synchronization up to 8 cameras in single event. So it would be useful to have more output channels so as to perform Stereo & Tomo PIV with additional cameras synchronized in a single timing unit in the nearby future/upgrade. **Inteface: USB C port-** we offer USB Interface. **Planar PIV Software Package-** As per the pre-bid discussion, kindly remove the points 3,4,7,9,10,11,12,15,16 which includes the parameter for quantitative measurement.	**Image acquisition and processing software for research and industry, 64 Bit, designed for Windows 11, Floating license to be installed on any number of computers, Modular platform concept: expandable with specific software packages (such as PIV, LIF, DIC...), Lifetime license: free support through email and phone for the entire product's lifetime, Processing (DDP) server included for background processing on the same computer, Import and export of common image formats (BMP, PNG, JPG, TIF), movies, data files, raw formats; movie generator; synchronized side-by-side movies of multiple data sets, AI-assisted calibration module with QR-code plate support, Cross links**

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			with (free) external tools: Python library and plugin Matlab - for reading and writing file.
2.	Declaration of local content	As the entire system is from LaVision GmbH, Germany so therefore we would not be in a position to declare the 20% local content since all the parts are made in Germany (EUROPE). Hence, we request the committee members to go for Global Tender enquiry.	**No Change**
3.	Payment Terms	We kindly request the committee member to allow us for foreign currency Payment terms since the system is from Germany. Also, when the bid is to be submitted in the GeM portal, we do not encounter the values in Foreign Currency.	**The Foreign Currency option not available on GeM . Hence we can make INR letter of credit for the above payment.**

The bid submission date has been revised and extended as per the table given below.

Sl. No.	Read for	Read As
1	**Bid End Date & Time: 13/02/2026, 03:00 PM.**	**Bid End Date & Time : 18/02/2026, 03:00 PM.**
2	**Bid Open Date & Time: 13/02/2026, 03:30 PM.**	**Bid Open Date & Time : 18/02/2026, 03:30 PM.**

All prospective/willing bidders are requested to take note of this report as part of the Tender document. All other terms and conditions of the tender remain unchanged.

11-2-26

Assistant Registrar (MMS)

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