



NIT No.: ITI(MM)BSBE/111/(PRJ)/HK/2025-26

22/12/2025

PREBID REPORT

The meeting for Pre-bid discussion was held at IIT-Indore online via google meet on 16/12/2025 at 04.00 PM onwards for Custom bid on GeM Portal for the procurement of Optical Profilometer

The report of the meeting is as mentioned below.

SI No.	Reference of the Clause & Page No. of the Tender Document	Query/Clarification/Deviation sought	Clarification/Response from IIT Indore
1.	S.No. 2 – Kindly remove	Thickness Range, Phase shifting interferometry (PSI) 0-3 μ m	No Change. Thickness Range, Phase shifting interferometry (PSI) 0-3 μ m
2.	S.No. 4 – Kindly remove	RMS Repeatability – PSI 0.1 nm or less	No Change RMS Repeatability – PSI 0.1 nm or less
3.	S.No. 9 – Not applicable	Piezo Range 500 μ m or higher	No Change. Piezo Range 500 μ m or higher
4.	S.No. 10 – modify as 100 μ m/sec or better	Scan speed, Vertical 12 μ m/ sec or higher	No Change Scan speed, Vertical-12 μ m/ sec or higher
5.	S.No. 13 - modify as +/- 2.5° or better	Tip/Tilt stage Within +/- 5° Manual	No Change Tip/Tilt stage Within +/- 5° Manual
6.	S.No. 15 - Kindly remove, as they are not for actual magnification	Camera zoom 1X, 2X, 4X	No Change Camera zoom 1X, 2X, 4X
7.	S.No. 13- Tip/Tit stage Within +/- 5° Manual	$\pm 5^\circ$ In specification its look like 5o we are assuming 5degree hope our assumption is correct if not we request to change to 5degree as 50 degree will not make any sense for micrometer meter thickness of samples	Updated Within +/- 5o Manual Read as within +/- 5°, Manual

8.

S.No. 20- Magnification

Numeric Aperture

Working Distance

Field of view

Resolving Power

Maximum Sample Slope

Item : 18b	Specification
Magnification	50X
Numerical Aperture	0.55 (or higher)
Working Distance	3.4 mm (or higher)
Field of View	.44 mm (or higher)
Resolving Power	0.5 μm (or less)
Maximum Sample Slope	42 ⁰

20X

0.4

4.7mm

0.44 μm

0.69 μm

21⁰

In specs 50x objective asked however it is only required if you have very sharp pointed coating

Generally people use 10x and 20x for most of the lab applications we would request to make it 20X Zooming objective along with that respective parameter will change link numerical aperture ,working distance etc will change we mentioned all

Updated

18b Magnification **50X Read as 20X**

Other specifications

READ as below:

Item : 18b	Specification
Magnification	20X
Numerical Aperture	0.40 (or higher)
Working Distance	4.7 mm (or higher)
Field of View	0.44 mm (or higher)
Resolving Power	0.69 μm (or less)
Maximum Sample Slope	$\geq 21^{\circ}$

Other necessary Amendments in the tender Documents: Sr. No. 19 Data Acquisition System: i7, 32 GB RAM,1TB SSD, Computer with 27 Inch Screen and RTX A2000 16GB ADA Workstation

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.

Assistant Registrar
MM Section
IIT Indore

सहायक कुलसचिव
(सामग्री प्रबंधन विभाग)
Assistant Registrar
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