

Modifications after the Pre-Bid Meeting Held on 09-05-2019 at 11.00 am

Item No. 4. Optical Microscope with Camera & Image Analysis Software

An inverted optical metallurgical microscope of following specifications is required to conduct microstructural observations of opaque specimens.

S. No.	Parameter	Requirement
1	Type of microscope	Inverted metallurgical microscope
2	Observations modes	Bright field; Polarizing light observation
3	Stage	Mechanical stage with 40mm×40mm or better
4	Objective turret	5 positions or better
5	Objective lens	5x, 10x, 20x, 50x and 100x (in case of non-availability of 50x lens quote for 40x or 60x)
6	Eyepiece	10x (in case of non-availability of 10x lens quote for higher)
7	Digital camera	Camera is required to observe and capture the microstructure. Sensor: CMOS/CCD Megapixels: 5 or better Interface: Fire wire/IEEE/USB cable
8	Computer	Computer required for digital imaging: Intel core i7 3.42GHz processor, 1TB HDD, DVD RW, Integrated HD Graphics Integrated Audio & gigabit LAN, 23 inch LCD/LED monitor, standard keyboard optical mouse or better. UPS (backup minimum for 30 min.). Operating system: Microsoft Windows 10 or better
9	Image analysis software	Image Analysis software: Basic Research software, Live image capture, histogram, Automatic measurement intensity line profile and report generator. The software should have the following features: Grain size measurement as per ASTM, ISO, JIS standards (Intercept & Planimetric methods), Automatic detection of inclusions and porosity, Analysis of particle size, shape and distribution
10	Warranty	1 year
11	AMC	5 Years of Non-comprehensive AMC must be quoted. (optional but will be considered for price comparison)
12	Tool kit	Tool kit (which includes Allen keys etc. for microscope repair) must be supplied along with the microscope.
13	Others	Provide the price list of all the accessories available for the quoted model (will not be considered for price comparison)
14	Rates	FOR Destination/ CIF Hyderabad

EMD= Rs. 25,000/-

Specifications & General Conditions of Contract (GCC) as per the present Tender Schedule	Amendments after the Pre-Bid Meeting
<u>Specifications:</u>	No Change
<p><u>GCC Sl. No. 5. :</u></p> <p>Payment: Payment will be made through RTGS/NEFT upon receipt of ordered item and its satisfactory performance and on production of bank guarantee at the rate of 10% of the order value wherever applicable.</p>	<p>Payment: Payment in the form of NEFT/RTGS will be made only on the receipt of material and its satisfactory performance and on production of bank guarantee at the rate of 10% of the order value wherever applicable. However, payment in the form of DD/FDD will be made ready but the same will be delivered upon installation & satisfactory performance if so required by the vendor.</p> <p>Foreign payment will be considered through FLC/FDD/WT against Security deposit & performance @ 5% & 10% respectively of the Order value</p>
<p><u>GCC Sl. No. 7.</u></p> <p>Delivery period: The ordered item shall be delivered within 04-06 weeks from the date of Purchase Order or opening of FLC as applicable or on mutually accepted date and terms.</p>	<p>Delivery period: The ordered item shall be delivered within 4 to 6 weeks from the date of Purchase Order or on opening of FLC as applicable or on mutually accepted date and terms. However, import item(s) will be cleared on CIP/CIF/ICD Hyderabad basis only.</p>

1. **Duty Exemptions:** The Institute is exempted from payment of GST (both IGST & SGST) under 45&47/2017 and Customs Duty under 51/96 by the DSIR and as amended from time to time. The necessary exemption certificates will be issued by the Institute only on the receipt of the Cargo Arrival Notice (CAN) / Order Acknowledgement Air way Bill (AWB). However, all import item(s) will be cleared from Customs on CIP/CIF/ICD Hyderabad basis only.
2. **AMC:** Non-Comprehensive AMC i.e., after completion of warranty period shall be quoted for the subsequent years (year wise) at least for FIVE Years. However, the purchaser reserves the right whether to enter into AMC or not.
3. **Training:** Training (if required) shall be provided by the supplier on free of cost at NIT Warangal.