1.0	Bidder Eligibility Criteria-	Complied / Not Complied	Reference Page No.
1	The bidder/OEM should have supplied at least 3 similar items to IITs, NITs, IISERs, CSIR Labs or other Govt. R&D organizations in the last 5 years, PO copies or installation certificates along with contact details of end user need to be submitted as the proof of supply. IIT Madras reserves its right to verify the claims submitted by the bidder and the feedback from the previous customers will be part of technical evaluation.		
2.	The Bidder/OEM's service center should be in India to attend service related issues. Proof of facility location & contact details to be provided along with technical bid.		

2.0 Technical Requirements for Upright Motorized Optical Microscope

General Specifications

Objective: This microscope will be kept inside a glove box. User should be able to control its functionalities such as focusing, objective control, light intensity control remotely from outside the glove box using suitable hardware. It should be capable to take the imaging under bright field and dark field mode. The microscope will be fixed on an optical breadboard having M6 holes. Necessary screws and hardware should be provided for the same. Particular specifications are mentioned as below:

S.NO	Technical Specifications	Complied / Not Complied	Catalogue Page No
1	Upright research microscope with infinity corrected optical system working in reflected light mode.		
2	Observation Method: Bright field, Dark field. (Preferably with motorized changeover between the two modes).		
3	LED illumination for Reflected light source with motorized turret.		
4	Motorized Universal Quintuple Nosepiece ESD		
5	Motorized Z -Focus. It is important to note that focusing should be achieved by moving the objective head UP/down . (Not by moving the stage up/down).		

Semi-Apo/Plan fluor objectives lenses for Bright field and Dark field imaging. 5X Epi (NA/WD: 0.15/23.5mm or higher) 10X Epi (NA/WD: 0.30/17.50mm or higher) 20X Epi LWD (NA/WD: 0.30/17.50mm or higher) 50X LBD (NA/WD: 0.30/10.00mm or higher) 100X BD LWD (NA/WD: 0.40/19.0mm or higher) 100X BD LWD (NA/WD: 0.40/19.0mm or higher)			
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(Note: It is mandatory for the bidders to submit a compliance statement for the aforementioned points in tabular format and required/necessary documents in the technical bid. Failure to comply with which bidders will be formally rejected)