



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

Ref. PR No. 1000044237

RFx. No. 6100001990

Item Description: Add on components laser for existing Confocal Microscope

Sr. No	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1	Argon-Multiline Laser LGK7812 ML5	<ol style="list-style-type: none">1. Emission lines from 454 nm to 514 nm2. Excellent beam quality3. Long term stability4. Laser tubes must have an internal mirror vacuum-tight hard-sealed and integrated resonator construction optimizing the life time and power stability.5. Wavelength (nm) : 454.5 – 514.56. Minimum output power (mW) : 30 mW7. Beam Diameter (mm) : 0.66 mm		
2	Remote Control RMC7812Z2 /LASOS	<ul style="list-style-type: none">• It should be able to control tube current output percentage.		
3	Laser supply LGN3001/LASOS	<ol style="list-style-type: none">1. Power supply LGN 3001 / 4000 – required to give power to the Argon tube.2. Input: 47 – 63 Hz, 100 – 240 / 200 – 240 V AC3. Output: 70 – 150 / 70 – 220 V DC4. Operating Current: 3.5 – 9 / 3.0 – 12 A		