

**BIL. SEBUTHARGA/QUOTATION REF: UBD/Q/048/2022 - [G]  
(FIT)**

**TITLE : TO SUPPLY, DELIVER, INSTALL AND COMMISSIONING OF A 3500 LUMEN LED  
GOOSENECK LIGHTING WITH ZOOM LENS FOR FACULTY OF INTEGRATED  
TECHNOLOGIES, UBD**

No.	Quantity	SPECIFICATIONS
1	1 unit	<p>- 3500 Lumen LED Gooseneck lighting w/ Dual Fiber Rigid 75cm light guide and Condenser optic</p> <p>Technical Specifications Required:  LED Luminescent Color White  Output flux 3500 lumen  Correlated Color Temp 6000-8500K</p> <p>LED life: &gt; 40,000 hrs  Luminance System: Constant-current luminance  Light Control system: Variable current control  Input Voltage: 24VDC  Power Consumption: 108W  Cooling System: Forced Cooling  Light Guide: Flexible Dual Rigid Light Guide (75cm) w/ condenser optics</p> <p>- High Magnification Lens :  6000-0.75aux-1T optics, zoom 6.5x, WD: 113mm, 0.53x to 3.38x</p> <p>Technical Specifications Required:  Working Distance ~113 mm  System Magnification 0.53x – 3.38x  NA Objective 0.017 – 0.053  Resolve Limit (um) 19.62-6.28  Matching Pixel Size (um) 5.20-10.63  Depth of Field (mm) 1.73-0.18</p>