

# CSIR - Central Scientific Instruments Organisation

27.01.2026

**UTN No:** CSIO22012026FIR01030231

**PR No.** FIR0103022201202601

**Subject: Requirement of quotation for “Fibre-coupled LED Light Source, SMA-type, 455nm” as listed in table below.**

S. No	Component Name	Quantity Required
1	<b>Fibre-coupled LED Light Source, SMA-type, 455nm</b> <b>Specification:</b> <ul style="list-style-type: none"><li>• Peak Wavelength: 455 nm</li><li>• Bandwidth: <math>\leq 14</math> nm</li><li>• LED output power: <math>\geq 24</math> mW</li><li>• Max. current: <math>\leq 1000</math> mA</li><li>• Electrical Power: <math>\leq 3.5</math> W</li><li>• Operational Lifetime: <math>\geq 10,000</math> Hours</li><li>• Operating Temperature: 0 to 40°C or better (Non-Condensing)</li><li>• Storage Temperature: -40 to 70°C</li><li>• Dimension: Should not be larger than (65.0 mm (L) <math>\times</math> 50.4 mm (B) <math>\times</math> 32.0 mm (H))</li><li>• It should have mounting compatibility with optical breadboard</li><li>• It should have fibre-coupling connector (SMA-type)</li><li>• It should be pre-mounted with Heat Sink</li><li>• It should be compatible with LED driver (Model DC2200, Thorlabs)</li><li>• Provide supporting documents of OEM along with the quote</li><li>• The item should be delivered within 30 days from the date of order confirmation.</li></ul>	01

The budgetary quotation for the above item is to be submitted through e-mail to the undersigned (<mailto:sudipta.csio@csir.res.in>) on or before **31.01.2026, 23.59 Hrs. (11:59 PM)**.

Other terms & Conditions:

1. Delivery: F.O.R CSIR-CSIO Chandigarh
2. Delivery should be made strictly within 4 weeks
3. Payment terms: Within 30 days after Delivery and Successful Inspection



Dr. Sudipta Sarkar Pal  
Scientist F  
0172-2672483