



MALABAR CANCER CENTRE
(POST GRADUATE INSTITUTE OF ONCOLOGY SCIENCES & RESEARCH)
(An autonomous centre under Government of Kerala)

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MCC/425/2025-P4-GAD/

24/01/2026

RE-QUOTATION NOTICE

Sealed quotations are invited for the supply of **Spot Light (01 No)** at Malabar Cancer Centre-Post Graduate Institute of Oncology Sciences and Research, Thalassery.

Specifications: Spot Light

Sl No	Specification
1	Light Intensity (Illuminance) <ul style="list-style-type: none"> ● 30,000 – 70,000 lux at 1 meter distance. ● Adjustable levels (typically 2–5 step dimming or continuous control).
2	Light Field Diameter <ul style="list-style-type: none"> ● Minimum 100–200 mm at 1 meter. ● Uniform and focused beam without hotspots or dark edges.
3	Color Rendering Index (CRI) <ul style="list-style-type: none"> ● CRI \geq 90
4	Color Temperature <ul style="list-style-type: none"> ● Between 4,000 K – 5,000 K (neutral to cool white)
5	Shadow Reduction <ul style="list-style-type: none"> ● Multi-LED array or prism design to minimize shadows from hands or instruments.
6	Mobility and Mounting <ul style="list-style-type: none"> ● Mobile stand with locking castors. ● Flexible gooseneck or articulated arm for precise positioning. ● Smooth, sterile-grade adjustment handles (ideally autoclavable or with sterile covers).
7	LED Technology <ul style="list-style-type: none"> ● LED-based for energy efficiency, low heat emission, and long life (~30,000–50,000 hours). ● Instant-on without warm-up time.
8	Heat Management <ul style="list-style-type: none"> ● Minimal heat output (especially over surgical site). ● Passive or active heat dissipation design.
9	Power <ul style="list-style-type: none"> ● Should work on standard power supply (110–240V, 50–60Hz).

	Hygiene & Maintenance
10	<ul style="list-style-type: none"> ● Sealed, easy-to-clean surfaces (IP-rated for dust and splash resistance, ideally IP43+). ● Smooth housing to prevent dust accumulation. ● LED modules should be maintenance-free. ● Touchless sensor control (on/off, dimming). ● Sterile handle with focus control. ● UV-free,IR-free light to prevent tissue dehydration.
11	Warranty -3 years

TERMS AND CONDITIONS

1. Quotations in the prescribed format only be accepted.
2. Quoted amount should be inclusive all taxes, delivery charges etc.
3. The envelopes containing the quotation should bear the superscription "**QUOTATION FOR THE SUPPLY OF SPOT LIGHT**" and should be addressed to Director, Malabar Cancer Centre-PGIOSR (PO), Thalassery, Kannur – 670103, Kerala. Intending tenderers may submit the quotation on their own papers and should provide sufficient brochure to support the quotation.
4. Last date for receipt of quotations is **04/02/2026 at 2.30 PM**. Late quotations will not be accepted. The quotations will be opened at **3.30 PM on 04/02/2026** in the presence of such of the tenderers or their authorized representatives who may be present at that time. The maximum period required for Quality Assurance should also be mentioned.
5. The quotation documents are published on the website of MCC(PGIOSR), www.mcc.kerala.gov.in. The format given along with quotation notice shall be submitted.
6. Details of the requirements and the conditions governing their supply can be obtained free on request from purchase section, Malabar Cancer Centre (PGIOSR) till **04/02/2026 at 1 pm**.

PURCHASE OFFICER

Copy to: Notice Board in MCC & Website

