بسم الله الرحمن الرحيم

BIOMEDICAL ENGINEERING DEPARTMENT
ADDU EQUATORIAL HOSPITAL
TECHNICAL SPECIFICATION
DISPOSABLE STERILE LASER FIBRES FOR LIMMER DIOLAS LASER SYSTEM

General Requirements

1. The offered laser fibres shall be new, original, sterile, single-use disposable products.
2. The fibres shall be fully compatible with the hospital's existing **Limmer DIOLAS diode laser system** without requiring any additional adapters, connectors or hardware modifications
3. The offered fibres shall be supplied with the manufacturer's original packaging and labeling.
4. All fibres shall be individually packed and sterilized.
5. Sterility status and expiry date shall be clearly indicated on the packaging.
6. The bidder shall submit the manufacturer's catalogue reference (part number) for the offered item.
7. Product shall have CE Mark, FDA clearance, or equivalent internationally recognized regulatory approval.
8. The supplier shall provide a written declaration confirming compatibility with the existing Limmer DIOLAS laser system.

Item 1
Sterile Endoradial Fibre – 400 µm
Reference Product
Limmer Part Number: L10.04.100003

Technical Requirements

1. Sterile, single-use disposable radial laser fibre.
2. Fibre core diameter: **400 µm**.
3. Radial laser energy emission.
4. Intended for endovenous laser ablation and minimally invasive laser procedures.
5. Flexible fibre construction suitable for clinical use.
6. Compatible with the existing **Limmer DIOLAS diode laser system**.
7. Supplied sterile and ready for immediate use.
8. Manufacturer catalogue reference shall be **L10.04.100003** or equivalent fully compatible product.

Item 2
Sterile Bare Fibre – 600 µm
Reference Product
Limmer Part Number: L10.04.060001
Technical Requirements

1. Sterile, single-use disposable bare-tip laser fibre.
2. Fibre core diameter: **600 µm**.
3. Forward-firing laser energy delivery.
4. Suitable for soft tissue and minimally invasive laser procedures.
5. Flexible fibre construction.
6. Compatible with the existing **Limmer DIOLAS diode laser system**.
7. Supplied sterile and individually packed.
8. Manufacturer catalogue reference shall be **L10.04.060001** or equivalent fully compatible product.

Item 3
Sterile Bare Fibre – 400 µm
Reference Product
Limmer Part Number: L10.04.040001
Technical Requirements

1. Sterile, single-use disposable bare-tip laser fibre.
2. Fibre core diameter: **400 µm**.
3. Forward-firing laser energy delivery.
4. Suitable for soft tissue and minimally invasive laser procedures.
5. Flexible fibre construction.
6. Compatible with the existing **Limmer DIOLAS diode laser system**.
7. Supplied sterile and individually packed.
8. Manufacturer catalogue reference shall be **L10.04.040001** or equivalent fully compatible product.

Compliance Requirement
supplier shall certify that the offered fibres are fully compatible with the hospital's existing **Limmer DIOLAS diode laser system**. Any equivalent product offered shall have identical functional characteristics and shall not require any modification to the existing laser system for operation.