
PLIEGO DE PRESCRIPCIONES TÉCNICAS

SUMINISTRO E INSTALACIÓN DE “CUSTOM OPTO-ELECTRONICS, SOFTWARE, DIFFUSE OPTICAL MONITORS AND FIBER OPTICS FOR DIFFUSE OPTICAL RESEARCH” PEL PROGRAMA DE MEDICAL PHOTONICS DE L’ICFO, MEDIANTE PROCEDIMIENTO ABIERTO NO SUJETO A REGULACIÓN ARMONIZADA

NÚMERO D’EXPEDIENT: 2025.SU.005
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CLÁUSULA 1. Objeto del contrato

El presente contrato tiene como objetivo el Suministro e instalación de “CUSTOM OPTO-ELECTRONICS, SOFTWARE, DIFFUSE OPTICAL MONITORS AND FIBER OPTICS FOR DIFFUSE OPTICAL RESEARCH” PEL PROGRAMA DE MEDICAL PHOTONICS DE L'ICFO.

La tipología de los artículos objeto de suministro se hallan vinculados con el CPV (Vocabulario Común de Contratación Pública), **38000000-5 Equipo de laboratorio, óptico y de precisión (excepto gafas)**.

CLÁUSULA 2. Needs to be satisfied with the contracting

ICFO necesito adquirir el material especificado en el presente documento para alcanzar sus objetivos en el área de Medical Photonics de ICFO. Los láseres objeto del presente expediente de contratación ayudarán a alcanzar los objetivos marcados por el grupo de Medical reserach.

CLÁUSULA 3. Technical specifications. Requirements

PRODUCTES A SUBMINISTRAR		Conceptes inclosos
LASERS	<u>Lasers (type 1)</u> Quantity: Up to 12 Units, Price: €12.000/unit approx.	- Should have a small footprint and casing for OEM purposes. - Should have a confirmed line-width and coherence length compatible with the typical pathlength of photons through human tissue. - Should be stable in coherence over 24 hours with less than 10% rejection ratio due to instabilities. - Should be FC/PC, FC/APC or SMA coupled suitable for use with multimode fibers or fiber bundles. To be specified on order. - Should be gateable either electronically or via a mechanical shutter with settling times less than a 100ms and frequency up to 10Hz. - Should have an output power above 20mW at the chosen NIR wavelengths (please specify options) including but not limited to 690nm, 780nm, 800nm, 830nm with 20 nm flexibility for the choice around the center wavelength.

General requirements:

- Should meet detailed written specifications provided by us.
- Should guarantee best pricing as well as quality in the market.
- Should conform to medical standards when applicable (to be defined by us).
- Should be provided with appropriate quotes including delivery times.
- Should include services in identification and commissioning of the accurate components.
- Should include basic software and firmware development when specified by us.
- All requests should be evaluated in a timely manner (2-4 weeks) and accepted/rejected accordingly.

CE marking is desirable but not required due to the customizations.

CLÀUSULA 4. Termini d'entrega dels materials

Delivery and installation based on requests after the date from the PO issued by ICFO. Between 1-16 weeks.

CLÀUSULA 5. Garantia

For external components, the warranty of the manufacturer should not be violated (1 year min.). For custom parts, two-year repair and service warranty unless mutually agreed upon.

CLÁUSULA 6. Shipping, transport

Els productes es subministraran i lliuraran segons les necessitats de l'ICFO, al lloc de treball que s'indiqui en cadascun dels contractes basats, principalment al laboratori del Dr. Turgut Durduran.

La logística de l'empresa i els seus mitjans de transport hauran d'assegurar el compliment dels subministraments en els termes i condicions explicitats al present PPT.

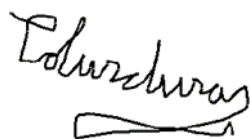
Tots els subministraments es realitzaran amb ports a càrrec dels subministrador i, en cas de disconformitat amb el producte, s'admetrà devolució, amb despeses a càrrec del subministrador.

CLÁUSULA 7. Target price

The target price for the system is 58,000 € (VAT excluded)

Payment terms: 100% after delivery, installation and acceptance

Castelldefels, a 14 de enero de 2025



Prof. Dr. Turgut Durduran

Medical Optics Group Leader
ICFO