

**Portugal-Braga: Laboratory, optical and precision equipments (excl. glasses)**

OJ S 145/2022 29/07/2022

Contract award notice

Supplies

**Legal Basis:**

Directive 2014/24/EU

**Section I: Contracting authority**

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**I.1. Name and addresses**

Official name: INL - International Iberian Nanotechnology Laboratory

National registration number: PT508633346

Postal address: Avenida Mestre José Veiga S/N

Town: Braga

NUTS code: PT112 Cávado

Postal code: 4715-330

Country: Portugal

E-mail: [procurement@inl.int](mailto:procurement@inl.int)

Telephone: +351 253140112

**Internet address(es):**Main address: [www.inl.int](http://www.inl.int)Address of the buyer profile: <https://in-tendhost.co.uk/inl/asp/Home>**I.4. Type of the contracting authority**

European institution/agency or international organisation

**I.5. Main activity**

Other activity: Nanotechnology Research Laboratory

**Section II: Object**

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**II.1. Scope of the procurement****II.1.1. Title**

INL Invitation to Tender - Scientific Equipment - NanoLab II

**II.1.2. Main CPV code**

38000000 Laboratory, optical and precision equipments (excl. glasses)

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

The subject matter of this contract is the supply and installation of scientific equipment to INL, listed below and detailed in Schedule V attached to these Standard Specifications (from now on referred to as 'Specifications').

The equipment listed in Schedule V are the lots that the tender comprises.

Tenderers may bid for one or more lots. The subject matter of the contract, in all cases, does not include so-called refurbished scientific instruments and equipment.

The three lots comprising the tender are as follows;

1. Optical inspection system
2. Pick and place bonding system
3. Optical Emission Spectrometer

#### **II.1.6. Information about lots**

This contract is divided into lots: yes

#### **II.1.7. Total value of the procurement**

Value excluding VAT: 320 000,00 EUR

### **II.2. Description**

#### **II.2.1. Title**

Optical inspection system (2 units)  
Lot No: 1

#### **II.2.2. Additional CPV code(s)**

38000000 Laboratory, optical and precision equipments (excl. glasses)

#### **II.2.3. Place of performance**

NUTS code: PT Portugal  
NUTS code: PT11 Norte

#### **II.2.4. Description of the procurement**

Acquisition of two optical microscopes for wafer defect inspection and in-line process metrology.

The technical requirements for these microscopes are listed below. The microscope resolution should allow observation of sub-micron features (less than 0.5µm).

#### **II.2.5. Award criteria**

Quality criterion - Name: SPECIFICATIONS AND TECHNICAL QUALITY OF THE TENDER /  
Weighting: 30

Quality criterion - Name: WARRANTY, MAINTENANCE AND SERVICE CONTRACTS /  
Weighting: 15

Quality criterion - Name: TECHNICAL TRAINING / Weighting: 5

Quality criterion - Name: REFERENCES / Weighting: 5

Quality criterion - Name: DELIVERY SCHEDULE / Weighting: 15

Quality criterion - Name: IMPROVEMENTS / Weighting: 5

Price - Weighting: 25

#### **II.2.11. Information about options**

Options: no

#### **II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:  
yes

Identification of the project: NanoLab - Reforço da Infraestrutura Tecnológica Associada à Micro e Nanofabricação with code NORTE-01-0246-FEDER-000058.

#### **II.2.14. Additional information**

### **II.2. Description**

#### **II.2.1. Title**

Pick and place bonding system

Lot No: 2

**II.2.2. Additional CPV code(s)**

38000000 Laboratory, optical and precision equipments (excl. glasses)

**II.2.3. Place of performance**

NUTS code: PT Portugal

NUTS code: PT11 Norte

**II.2.4. Description of the procurement**

Tender for a sub-micron die-bonder for precision die attach and advanced chip packaging. The equipment should be able to handle a wide range of applications, including opto-devices assembly (LEDs, photodetectors, Lens, micro-optics), generic MEMS and MOEMS assembly, 2.5D and 3D IC assembly (stacking), Flip-chip assembly and precision die bonding (glueing and curing).

The system should run most of the basic bonding technologies such as thermosonic, ultrasonic, thermo-compression, soldering/eutectic, adhesive and sintering and able to handle component sizes from 30µm x 30µm up to 20mm x 20mm. The system has its main purpose for prototyping, but it also expected support for low volume production and therefore the ability to handle components from full diced wafers (200mm) or sections of wafers. The systems should contemplate Pick operation from sources as wafer frame (diced wafer), wafer pack and Gel-Pak®; and Place operation to destinations as substrates, wafer pack and Gel-Pak®, full wafers (for 2.5D, 3D, CoW).

**II.2.5. Award criteria**

Quality criterion - Name: SPECIFICATIONS AND TECHNICAL QUALITY OF THE TENDER / Weighting: 30

Quality criterion - Name: WARRANTY, MAINTENANCE AND SERVICE CONTRACTS / Weighting: 15

Quality criterion - Name: TECHNICAL TRAINING / Weighting: 5

Quality criterion - Name: REFERENCES / Weighting: 5

Quality criterion - Name: DELIVERY SCHEDULE / Weighting: 15

Quality criterion - Name: IMPROVEMENTS / Weighting: 5

Price - Weighting: 25

**II.2.11. Information about options**

Options: no

**II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds: yes

Identification of the project: NanoLab - Reforço da Infraestrutura Tecnológica Associada à Micro e Nanofabricação with code NORTE-01-0246-FEDER-000058.

**II.2.14. Additional information**

**II.2. Description**

**II.2.1. Title**

Optical Emission Spectrometer

Lot No: 3

**II.2.2. Additional CPV code(s)**

38000000 Laboratory, optical and precision equipments (excl. glasses)

### **II.2.3. Place of performance**

NUTS code: PT Portugal

NUTS code: PT11 Norte

### **II.2.4. Description of the procurement**

Tender for an optical spectrometer to be integrated in a Nordiko Reactive Ion Etching Module and used as an etching end-point detector.

### **II.2.5. Award criteria**

Quality criterion - Name: SPECIFICATIONS AND TECHNICAL QUALITY OF THE TENDER /  
Weighting: 30

Quality criterion - Name: WARRANTY, MAINTENANCE AND SERVICE CONTRACTS /  
Weighting: 15

Quality criterion - Name: TECHNICAL TRAINING / Weighting: 5

Quality criterion - Name: REFERENCES / Weighting: 5

Quality criterion - Name: DELIVERY SCHEDULE / Weighting: 15

Quality criterion - Name: IMPROVEMENTS / Weighting: 5

Price - Weighting: 25

### **II.2.11. Information about options**

Options: no

### **II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:  
yes

Identification of the project: NanoLab - Reforço da Infraestrutura Tecnológica Associada à  
Micro e Nanofabricação with code NORTE-01-0246-FEDER-000058.

### **II.2.14. Additional information**

## **Section IV: Procedure**

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### **IV.1. Description**

#### **IV.1.1. Type of procedure**

Open procedure

#### **IV.1.3. Information about a framework agreement or a dynamic purchasing system**

#### **IV.1.8. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: no

### **IV.2. Administrative information**

#### **IV.2.1. Previous publication concerning this procedure**

Notice number in the OJ S: [2021/S 211-551194](#)

#### **IV.2.8. Information about termination of dynamic purchasing system**

#### **IV.2.9. Information about termination of call for competition in the form of a prior information notice**

## **Section V: Award of contract**

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**Lot No: 1**

**Title:**

Optical inspection system (2 units)

A contract/lot is awarded: yes

**V.2. Award of contract**

**V.2.1. Date of conclusion of the contract**

24/03/2022

**V.2.2. Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: no

**V.2.3. Name and address of the contractor**

Official name: IZASA SCIENTIFIC, LDA.

Town: Lisbon

NUTS code: PT17 Área Metropolitana de Lisboa

Country: Portugal

The contractor is an SME: yes

**V.2.4. Information on value of the contract/lot**

Initial estimated total value of the contract/lot: 60 000,00 EUR

Total value of the contract/lot: 60 000,00 EUR

**V.2.5. Information about subcontracting**

**Section V: Award of contract**

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**Contract No: 2**

**Lot No: 2**

**Title:**

Pick and Place Bonding system

A contract/lot is awarded: yes

**V.2. Award of contract**

**V.2.1. Date of conclusion of the contract**

24/03/2022

**V.2.2. Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: no

**V.2.3. Name and address of the contractor**

Official name: FINETECH GMBH & CO. KG.

Town: Berlin

NUTS code: DE3 Berlin

Country: Germany

The contractor is an SME: yes

**V.2.4. Information on value of the contract/lot**

Initial estimated total value of the contract/lot: 210 000,00 EUR

Total value of the contract/lot: 210 000,00 EUR

**V.2.5. Information about subcontracting**

**Section V: Award of contract**

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**Contract No:** 3

**Lot No:** 3

**Title:**

Optical Emission Spectrometer

A contract/lot is awarded: yes

**V.2. Award of contract**

**V.2.1. Date of conclusion of the contract**

24/03/2022

**V.2.2. Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: no

**V.2.3. Name and address of the contractor**

Official name: NORDIKO TECHNICAL SERVICES LIMITED

Town: Hampshire

NUTS code: UKK South West (England)

Country: United Kingdom

The contractor is an SME: yes

**V.2.4. Information on value of the contract/lot**

Initial estimated total value of the contract/lot: 50 000,00 EUR

Total value of the contract/lot: 50 000,00 EUR

**V.2.5. Information about subcontracting**

**Section VI: Complementary information**

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**VI.3. Additional information**

**VI.4. Procedures for review**

**VI.4.1. Review body**

Official name: Director General of INL

Town: Braga

Country: Portugal

**VI.5. Date of dispatch of this notice**

26/07/2022