Portugal-Braga: Laboratory, optical and precision equipments (excl. glasses)
OJ S 205/2020 21/10/2020
Contract notice
Supplies

Legal Basis:
Directive 2014/24/EU

Section I: Contracting authority

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
Contact person: André Teixeira
E-mail: procurement@inl.int
Telephone: +351 253140112
Internet address(es):
Main address: www.inl.int
Address of the buyer profile: https://in-tendhost.co.uk/inl/aspx/Home

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: https://in-tendhost.co.uk/inl/aspx/Home
Additional information can be obtained from the abovementioned address
Tenders or requests to participate must be submitted electronically via: https://in-tendhost.co.uk/inl/aspx/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

II.1. Scope of the procurement

II.1.1. Title

INL Invitation to Tender/Standard Specifications to Govern the Contracts for the Supply and Installation of Scientific Equipment to International Iberian Nanotechnology Laboratory

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 of the standard 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 five lots comprising the tender are as follows:
1) Scrubber system top abate cleanroom process gases,
2) Wafer optical inspection systems for quality control,
3) Pick and place bonding system,
4) Plasma Asher,
5) Wafer spin rise clean and dry system.

II.1.5. Estimated total value

Value excluding VAT: 603 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: yes
Tenders may be submitted for all lots

II.2. Description

II.2.1. Title

Scrubber System for Process Gas Abatement
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

II.2.4. Description of the procurement

This lot concerns the acquisition of one scrubber system (or multiple units) required for hazardous process gas exhaust abatement from standard INL cleanroom process tools (mostly thermal/CVD and dry etching tools).

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 150 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 6
This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

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: These purchases are funded by 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

Wafer Optical Inspection System for Quality Control
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

II.2.4. Description of the procurement

Wafer defect inspection system detects physical defects (foreign substances called particles) and pattern defects on wafers and obtains the position coordinates (X, Y) of the defects. Inspection can be performed on a patterned process wafer or on a bare wafer. Each of these has a different system configuration and the specified technical requirement will focus mainly an inspection system for patterned process wafers

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 170 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 6
This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

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: These purchases are funded by 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: 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

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 an curing). The system should run most of the basic bonding technologies such as thermosonic, ultrasonic, thermocompression, soldering/eutectic, adhesive and sintering and able to handle component sizes from 30 µm x 30 µm up to 20 mm x 20 mm.
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 (200 mm) or sections of wafers.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 145 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 6
This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

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: These purchases are funded by 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

Plasma Asher
Lot No: 4

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

II.2.4. Description of the procurement
Compact bench top microwave plasma system for photoresist stripping, polymers and surface cleaning and removal of organic passivating layers and masks polymers activation and modification, capable of batch processing of up to 25 wafers with 200 mm.

II.2.5. Award criteria
Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value
Value excluding VAT: 100 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system
Duration in months: 6
This contract is subject to renewal: no

II.2.10. Information about variants
Variants will be accepted: no

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: These purchases are funded by 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
Wafer Spin and Rise Clean and Dry System
Lot No: 5

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

II.2.4. Description of the procurement
Compact bench top spin rinse dryer system for substrate cleaning, rinsing with DI water and N2 drying wafers capable of batch processing of up to 25 wafers with 200 mm.

II.2.5.

Award criteria
Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value
Value excluding VAT: 38 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system
Duration in months: 6
This contract is subject to renewal: no

II.2.10. Information about variants
Variants will be accepted: no

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: These purchases are funded by 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

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.2.2. Time limit for receipt of tenders or requests to participate
Date: 27/11/2020 Local time: 17:00

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4. Languages in which tenders or requests to participate may be submitted
English

IV.2.7. Conditions for opening of tenders
Date: 01/12/2020 Local time: 17:00

Section VI: Complementary information

VI.1.

Information about recurrence

This is a recurrent procurement: no

VI.2. Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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

16/10/2020