

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

OJ S 235/2013 04/12/2013

Contract award notice

Supplies

Directive 2004/18/EC

Section I: Contracting authority

I.1. Name and addresses

Official name: INL, International Iberian Nanotechnology Laboratory

Postal address: Avenida Mestre José Veiga

Town: Braga

Postal code: 4715 330

Country: Portugal

Contact person: www.inl.int

For the attention of: Adrian Watson

E-mail: adrian.watson@inl.int

Telephone: +351 253140112

Fax: +351 253140119

Internet address(es):General address of the contracting authority: www.inl.intAddress of the buyer profile: <http://inl.int/contractors/info>Electronic access to information: <http://inl.int/contractors/info>**I.2. Type of the contracting authority**

European institution/agency or international organisation

I.3. Main activity

Other: Nanotechnology Research Laboratory

I.4. Contract award on behalf of other contracting authorities

The contracting authority is purchasing on behalf of other contracting authorities: no

Section II: Object of the contract

II.1. Description**II.1.1. Title**

Contract for the supply of the auxiliary equipment required to upgrade a titan 80-200Kv electron microscope to cryo-microscopy in the High Accuracy Laboratory of to the International Iberian Nanotechnology Laboratory.

II.1.2. Type of contract and place of performance or delivery

Supplies

Main site or place of performance: Avenida Mestre José Veiga

Braga

4715-330 Portugal

NUTS code PT112 Cávado

II.1.3. Information about a framework agreement or a dynamic purchasing system (DPS)

II.1.4. Short description of the contract or purchase(s)

1. Introduction.

The International Iberian Nanotechnology Laboratory in Braga, Portugal, is looking to acquire auxiliary equipment to upgrade the Titan 80-200 kV electron microscope for Cryo-Microscopy.

2. Technical Requirements of the package.

Cryo-transfer holder compatible with Titan 80 – 300 enabling to load frozen suspensions into the TEM holder and transfer frost-free at temperatures below -170 °C. It must be completed with:

— Workstation to keep the holder secure during cool-down, sample loading and transfer of the holder to the TEM.

— Tools for the frost-free transfer of up to four grids.

— Controller to maintain and monitor low temperature performance of the holder.

— The holder should enable large tilting of the specimen for collecting tomography data sets.

Device to pump up the cryo holders with diaphragm pump and molecular drag pump technologies to produce a clean, dry vacuum in the low 10⁻⁶ Torr range.

Software to be installed in order to facilitate Low-Dose specifically intended for applications where the specimen is liable to damage by the electron beam and hence should minimize the electron dose needed for the total sequence from searching for specimen areas, through focusing, to the final exposure.

A fully PC-controlled device for vitrification of aqueous samples with minimal training and ease of use to produce consistently excellent specimens for cryo-electron microscopy.

Along with the above auxiliary equipment an option of On-site Training/Support tailored to the specific requirements of the customer should be included.

II.1.5. CPV code(s)

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

II.1.6. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

II.2. Total value of the contract/lot

II.2.1. Total value of the contract/lot

Value: 139 853 EUR

excluding VAT

Section IV: Procedure

IV.1. Type of procedure

IV.1.1. Type of procedure

Award of a contract without prior publication of a call for competition in the Official Journal of the European Union in the cases listed below

Justification for the award of the contract without prior publication of a call for competition in the Official Journal of the European Union:

Directive 2004/18/EC

1) Justification for the choice of the negotiated procedure without prior publication of a contract notice in the OJEU in accordance with Directive 2004/18/EC

The works, supplies or services can be provided only by a particular economic operator for the following reason:

technical

The International Iberian Nanotechnology Laboratory (INL) acquired a Titan 80-200kV aberration corrected Scanning Transmission Electron Microscope as a result of an Open Procedure published in the OJEU with reference [2010/S 197-300778](#) (Lot 1.1, EUR1.93m) dated October 9th 2010. (Contract signed in 2011, delivery and installation 2012). The equipment is exclusively dedicated to research at the INL's facility in Braga, Portugal. Now, the INL wishes to extend the microscope's functionality by acquiring the auxiliary equipment, components and accessories necessary to upgrade the equipment's capabilities to include cryo-microscopy and also to extend the applications of the microscope to biological samples. All to be installed by the contract awardee on the existing Titan Microscope at the INL's facility in Braga, Portugal. The single economic operator FEI Europe BV, is regarded as the only entity that could be considered as the awardee of the contract for the following technical reasons: Firstly, new software needs to be installed in order to facilitate Low-Dose microscopic examinations, specifically intended for applications where the specimen is liable to be damaged by the electron beam. This new software must be compatible with the already existing software which has been acquired in the above mentioned contract. Only the proposed new software to be acquired from FEI Europe BV will fulfil this requirement. Secondly, the proposed Cryo-transfer holder that will be acquired from the awardee for the cryo microscopy needs to be compatible with the existing Titan 80–200 microscope in order to enable loading of frozen suspensions into the TEM holder and transfer them frost-free. This is not possible with third party holders that may either not be suitable for these applications or could cause irreparable damage to the existing Titan microscope. Thirdly, workstation and related tools that come with the cryo holder in order to facilitate the cryo applications need to be acquired from FEI to facilitate compatibility for cryo-microscopy applications. Additionally, the Titan Microscope at the INL facility is covered by a warranty until June 2015, i.e. 3 years from the date of its final acceptance by the INL. Any third party equipment and installation work applied to the instrument would seriously jeopardise the warranty and maintenance service agreements between the INL and FEI and potentially lead in future to excessive expense for repair, maintenance and replacement part installations.

IV.2. Award criteria

IV.2.1. Award criteria

The most economically advantageous tender in terms of

1. Price and payment conditions. Weighting 35
2. Warranty, maintenance and service contracts. Weighting 10
3. Specifications and technical quality. Weighting 40
4. Technical training. Weighting 5
5. Delivery time. Weighting 5
6. Improvements. Weighting 5

IV.2.2. Information about electronic auction

An electronic auction has been used: no

IV.3. Administrative information

IV.3.1. File reference number attributed by the contracting authority

AW/LF

IV.3.2. Previous publication concerning this procedure

no

Section V: Award of contract

Contract No: 2013-NP5

Lot No: 1

- Lot title: Supply and installation of the auxiliary equipment required to upgrade a titan 80-200Kv electron microscope for cryo-microscopy in the High Accuracy Laboratory of the International Iberian Nanotechnology Laboratory.

V.1. Date of conclusion of the contract

18.11.2013

V.2. Information about tenders

Number of tenders received: 1

V.3. Name and address of the contractor

Official name: FEI Europe B.V.

Postal address: Achtseweg Noord 5

Town: Eindhoven

Postal code: NL-5600 KA

Country: Netherlands

E-mail: support.netherlands@fei.com

Telephone: +31 402356924

Fax: +31 402356634

Internet address: <http://www.fei.com/>

V.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot:

Value: 140 000 EUR

excluding VAT

Total value of the procurement:

Value: 139 853 EUR

excluding VAT

V.5. Information about subcontracting

The contract is likely to be subcontracted: no

Section VI: Complementary information

VI.1. 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: This project will be co-financed by the European Regional Development Fund (ERDF), namely through the Programa Operacional Regional do Norte ON. 2 (Portugal)

VI.2. Additional information

VI.3. Procedures for review

VI.3.1. Review body

VI.3.2. Review procedure

VI.3.3. Service from which information about the review procedure may be obtained

VI.4. Date of dispatch of this notice

1.12.2013