

This notice in TED website: <https://ted.europa.eu/udl?uri=TED:NOTICE:534383-2018:TEXT:EN:HTML>

**United Kingdom-Didcot: Microscopes
2018/S 234-534383**

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1) Name and addresses

Diamond Light Source Ltd
Diamond House, Harwell Science and Innovation Campus
Didcot
OX11 0DE
United Kingdom
Contact person: Sue Blake
Telephone: +44 1235778167
E-mail: procurement@diamond.ac.uk
NUTS code: UKJ14

Internet address(es):

Main address: <https://tenders.diamond.ac.uk/Home.aspx>

I.2) Information about joint procurement

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tenders.diamond.ac.uk/Home.aspx>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted to the abovementioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity: Scientific Research Facility

Section II: Object

II.1) Scope of the procurement

II.1.1) Title:

I06 Aberration Corrected PEEM/LEEM Microscope
Reference number: DLSITT0402

II.1.2) Main CPV code

38510000

II.1.3) Type of contract

Supplies

II.1.4) Short description:

Our technical specification details the requirements of the Aberration Corrected PhotoEmission Electron Microscope (AC-PEEM) and Low Energy Electron Microscope (AC-LEEM) for use on the Nanoscience beamline at DLS. The microscope will be installed on the nanoscience I06 beamline that is dedicated to the study of nanomagnetism and nanostructures using element specific probes such as X-Ray absorption spectroscopy and X-Ray photoelectron spectroscopy. The variable polarisation state of the x-ray light provides a contrast mechanism for imaging different magnetisation states in ferromagnetic and anti-ferromagnetic nanostructures. The contractor will be responsible for the supply of materials, manufacture, inspection, cleaning, testing, vacuum baking, assembly, packing, delivery and installation at DLS of the AC-PEEM/LEEM complete microscope.

II.1.5) **Estimated total value**

II.1.6) **Information about lots**

This contract is divided into lots: no

II.2) **Description**

II.2.1) **Title:**

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

II.2.3) **Place of performance**

NUTS code: UKJ14

Main site or place of performance:

Diamond Light Source Ltd.

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

The system and scope of supply should principally consist of the AC-PEEM Microscope system including the following sub systems:

1) AC-PEEM;

(a) electron optics;

(b) aberration corrector;

(c) imaging energy filter;

(d) electron Gun for LEEM.

2) Sample manipulator.

3) Sample holder and cartridges with electrical contacts.

4) Heating and temperature controllers for samples.

5) Sample chamber.

6) Load lock and sample storage.

7) Transfer port to a preparation chamber.

8) UV lamp.

9) Vacuum system.

10) Control electronics including:

(a) cabling and connections to DLS services;

(b) racks for the microscope high voltage electrostatic and magnetic lenses.

11) Control software (see Section 6.3).

12) Installation and commissioning of the system at DLS, as specified in Section 10.

13) Option of sufficient spare parts with long delivery times to guarantee operation of the system with minimum down-time for a period of at least 2 years from the date of the final acceptance.

II.2.5) **Award criteria**

Criteria below

Quality criterion - Name: Technical quality / Weighting: 25

Quality criterion - Name: Experience / Weighting: 25
Quality criterion - Name: Commercial / Weighting: 5
Quality criterion - Name: Delivery / Weighting: 3
Quality criterion - Name: DLS support effort / Weighting: 2
Price - Weighting: 40

II.2.6) **Estimated value**

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

Duration in months: 18
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.2.12) **Information about electronic catalogues**

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

The procurement is related to a project and/or programme financed by European Union funds: no

II.2.14) **Additional information**

Section III: Legal, economic, financial and technical information

III.1) **Conditions for participation**

III.1.1) **Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

III.1.2) **Economic and financial standing**

III.1.3) **Technical and professional ability**

III.1.5) **Information about reserved contracts**

III.2) **Conditions related to the contract**

III.2.2) **Contract performance conditions:**

III.2.3) **Information about staff responsible for the performance of the contract**

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.1.4) **Information about reduction of the number of solutions or tenders during negotiation or dialogue**

IV.1.6) **Information about electronic auction**

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

The procurement is covered by the Government Procurement Agreement: yes

IV.2) **Administrative information**

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

IV.2.2) **Time limit for receipt of tenders or requests to participate**

Date: 08/01/2019

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.2.6) **Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) **Conditions for opening of tenders**

Date: 09/01/2019

Local time: 10:00

Place:

Diamond Light Source Ltd.

Information about authorised persons and opening procedure:

Members of the DLS Procurement Team

Section VI: Complementary information

VI.1) **Information about recurrence**

This is a recurrent procurement: no

VI.2) **Information about electronic workflows**

VI.3) **Additional information:**

If you are interested in this tender opportunity please create an account via the website link below:

<http://www.diamond.ac.uk/Home/Procurement/>

You will then be issued with a password to download the tender documents. In order to be considered, your response should arrive no later than midnight on Tuesday 8.1.2019.

Please note: Diamond will be closed for the Christmas Break from Friday 21.12.2018 to Tuesday 1.1.2019. Any communication with us during this period will not be dealt with until Wednesday 2.1.2019.

VI.4) **Procedures for review**

VI.4.1) **Review body**

Diamond Light Source Ltd

Didcot

OX11 0DE

United Kingdom

E-mail: procurement@diamond.ac.uk

VI.4.2) **Body responsible for mediation procedures**

VI.4.3) **Review procedure**

VI.4.4) **Service from which information about the review procedure may be obtained**

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

03/12/2018