See the notice on TED website

Denmark-Copenhagen: Electron microscopes
OJ S 222/2023 17/11/2023
Contract award notice
Supplies

Legal Basis:
Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: University of Copenhagen
National registration number: 29979812
Postal address: Krystalgade 25
Town: Copenhagen K
NUTS code: DK01 Hovedstaden
Postal code: 1172
Country: Denmark
Contact person: Anne Thoisen
E-mail: at@adm.ku.dk
Internet address(es):
Main address: www.ku.dk

I.4. Type of the contracting authority

Body governed by public law

I.5. Main activity

Education

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Acquisition of a Zeiss FE-SEM Sigma 360VP

II.1.2. Main CPV code

38511000 Electron microscopes

II.1.3. Type of contract

Supplies

II.1.4. Short description

The Natural History Museums of Denmark house 14 million unique specimens in both dry, wet and living collections. The collections in the museum are of high value and interest to researchers around the world, and the specimens have been meticulously collected and studied over the past 400 years. Based on specimens
from the collections, we undertake research in biodiversity and geology with the potential of improving our general understanding of the natural world.

II.1.6.

Information about lots
This contract is divided into lots: no

II.1.7. Total value of the procurement
Value excluding VAT: 2 000 000,00 DKK

II.2. Description

II.2.2. Additional CPV code(s)
38510000 Microscopes

II.2.3. Place of performance
NUTS code: DK01 Hovedstaden

II.2.4. Description of the procurement
Acquisition of a Zeiss FE-SEM Sigma 360VP for research at the Natural History Museums of Denmark. Only Zeiss FE-SEM Sigma 360VP has the performance that are critical for the quality of our research. While we have a large and diverse group of users, a significant number of researchers for their work on microorganisms (e.g., microalgae) depend on high resolution at high magnifications. The Zeiss FE-SEM Sigma 360VP FE-SEM has the best performance for this purpose.
This notice is sent in continuation of the University of Copenhagen's voluntary ex ante transparency notice no. 2023/S 180-562352 where University of Copenhagen published its intention to enter into the contract with Carl Zeiss. After the expiry of 10 calendar days calculated from the day after the date where the voluntary ex ante transparency notice was published, see section 4(1), para 2, of the Danish Act on the Complaints Board for Public Procurement, the University of Copenhagen has entered into the contract with Carl Zeiss.

II.2.5. Award criteria
Price

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: no

II.2.14. Additional information
Regarding section II.2.5) and V.2.2) it is noted that this procurement has been subject to a negotiated procedure without prior publication. Reference is made to the reasoning in section IV.1.1) and the voluntary ex ante transparency notice referred in section IV.2.1). Therefore, only one tender was received.

Section IV: Procedure

IV.1. Description

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

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

- absence of competition for technical reasons

Explanation:
The Zeiss FE-SEM Sigma 360VP has the best performance for our purpose due to the combination of Shottky Gun and a beam boaster designed to maintain highest resolution in high or low beam energy, without using sample deceleration (sample bias). In comparison the objective lens design of this FE-SEM provides a reduced magnetic field at the specimen surface which means high-resolution imaging of dia-, para-, or ferromagnetic samples - in any composition and together with other materials - is possible even at short working distances and low beam energy. High resolution imaging of ferromagnetic steel @ WD = 3 mm; AV = 1 kV @ 100.000x Mag must be possible. Ease of use. There has to be an electromagnetic 7-hole aperture changer incorporated close to the emitter system. In combination with a magnetic field lens the optimum beam aperture angle is selected and hence tunes the probe current. The system is always in resolution mode with the standard aperture (e.g. 30 µm). No spot aperture adaptation is necessary at any beam energy. An annular and high efficiency In-lens detector has to be integrated in the beam booster located above the objective lens. The detection material does not show any aging effect. This detector has to provide best SEresolution. The acquisition time for a noise-free image has to be less than 1 second. An Everhart-Thornley SE-detector mounted at the specimen chamber has to be provided. The detector must be designed with a shielding to minimize charging effects when imaging non-conductive samples in high vacuum. The SEM will have a high precision fully motorised Cartesian stage allowing movements of X = 125 mm, Y = 125 mm, Z = 50 mm, T = -10º to 90º, and R = 360º. The stage will accommodate samples of up to 0.5 kg with the full range of motion, up to 2 kg without tilt and up to 5 kg with the sample mounted directly to the XY platform. GUI control via Touch Screen or/and mouse/keyboard control makes it very easy and convenient to use. EDX system with quantitative analysis based on deconvoluted overlaps of element peaks. The major advantages over conventional techniques are that the shape of the background need not be known explicitly, 3 / 3 there Is no need to find suitable points away from peaks for background scaling, and any background that is approximately linear over the range covered by a single peak will be effectively removed.

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: yes

IV.2. Administrative information

IV.2.1. Previous publication concerning this procedure
Notice number in the OJ S: 2023/S 180-562352

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

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1.

Date of conclusion of the contract
08/11/2023

V.2.2. Information about tenders
Number of tenders received: 1
The contract has been awarded to a group of economic operators: no

V.2.3. Name and address of the contractor
Official name: Carl Zeiss A/S
National registration number: 84786217
Postal address: Bregnerødvej 133A
Town: Birkerød
NUTS code: DK013 Nordsjælland
Postal code: 3460
Country: Denmark
The contractor is an SME: no

V.2.4. Information on value of the contract/lot
Total value of the contract/lot: 2 000 000,00 DKK

V.2.5. Information about subcontracting

Section VI: Complementary information

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body
Official name: Danish Complaints Board for Public Procurement
Postal address: Nævnenes Hus, Toldboden 2
Town: Viborg
Postal code: 8800
Country: Denmark
E-mail: nh@naevneneshus.dk
Telephone: +45 72405600
Internet address: www.klfu.dk

VI.4.3. Review procedure
Precise information on deadline(s) for review procedures:
Precise information on deadline(s) for review procedures:
Pursuant to the Danish Act on the Complaints Board for Public Procurement, etc. (lov om Klagenævnet for Udbud m.v.) (the Act is available (in Danish) at www.retsinformation.dk), the following deadlines apply to the lodging of complaints:
Pursuant to section 7(3) of the Act, in the case where the contracting authority has followed the procedure in section 4, complaints regarding that a contracting authority in conflict with Directive 2014/24/EU has entered into a contract without prior publication of a contract notice in the Official Journal of the European Union, must be filed with Danish Complaints Board for Public Procurement within 30 calendar days calculated from the day after the day when the contracting entity has published a notice (i.e. this contract award notice) in the Official Journal of the European Union regarding that the contracting entity has entered into a contract, provided that the notice includes the reasons for the contracting entity's decision to award the

contract without prior publication of a contract notice in the Official Journal of the European Union.
Not later than at the time of lodging a complaint with the Danish Complaints Board for Public Procurement, the complainant must notify the contracting entity in writing that a complaint has been lodged with the Danish Complaints Board for Public Procurement and whether the appeal was lodged during the standstill period, see section 6(4) of the Act. In cases where the complaint was not lodged within the standstill period, the complainant must furthermore indicate whether a suspensory effect of the complaint has been requested, see section 12(1) of the Act.
The e-mail address of the Complaints Board for Public Procurement is set out in section VI.4.1.
The Complaints Board's own complaints procedure is available at https://naevneneshus.dk/start-din-klage/klagenaevnet-for-udbud/vejledning/

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

Official name: Danish Competition and Consumer Authority
Postal address: Carl Jacobsens Vej 35
Town: Valby
Postal code: 2500
Country: Denmark
E-mail: kfst@kfst.dk
Telephone: +45 41715000
Internet address: www.kfst.dk

VI.5. Date of dispatch of this notice

13/11/2023