

Denmark-Lyngby: Detection and analysis apparatus
OJ S 93/2018 17/05/2018
Contract award notice
Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Danmarks Tekniske Universitet / Technical University of Denmark

Postal address: 2800

Town: Lyngby

NUTS code: DK012 Københavns omegn

Country: Denmark

Contact person: Johanne Liv Pedersen

E-mail: jolip@dtu.dk

Internet address(es):

Main address: <http://www.dtu.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

FFF MALS Complete system

II.1.2. Main CPV code

38430000 Detection and analysis apparatus

II.1.3. Type of contract

Supplies

II.1.4. Short description

FFF MALS Complete system.

II.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 1 875 000,00 DKK

II.2. Description

II.2.3. Place of performance

NUTS code: DK012 Københavns omegn

II.2.4. Description of the procurement

The acquisition comprises.

- Eclipse® AF4 system for aqueous solvents with customization allowing for occasional usage of THF,
- Organic Frit Inlet Channel for Eclipse® AF4,
- Refurbished LC Channel for Eclipse® AF4 (no cost),
- Thermos Large Capacity Thermostat for FFF channels and SEC/GPC columns,
- 18-angle Multi-Angle Light Scattering (MALS) detector DAWN® HELEOS® II with Peltier Temperature Control from -15° C to +150° C,
- Optilab® T-rEX Differential Refractometer,
- Agilent 1260 Infinity II LC system including quaternary pump with integrated degasser and vialsampler,
- Vision FFF Software and ASTRA Light Scattering Software,
- Installation and Familiarization on site by Wyatt Application Scientist (5 days),
- MALS and FFF training course for 2 persons,
- 1 year Premium Support via Phone and Email.

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

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 setup combining asymmetric-flow-field-flow-fractionation (AF4), multi-angle light scattering, differential refractive index (dRI) detection, full UV detection and an option to switch between AF4 and Size-exclusion chromatography (SEC) is unique and not offered by other vendor.

Multi-Angle Light Scattering (MALS) detector:

- a Multi-Angle Light Scattering detector with Peltier Temperature control from -15° C to +150° C (required for measurement of some of our thermo-responsive polymer samples),
- a detector, which can be calibrated with a pure solvent like toluene,

- a MALS detector with embedded ultrasonic cell cleaning device for automatic flow cell cleaning,
- a unique high sensitivity with 20 ng/mL 100 kDa polystyrene in THF,
- a MALS detector, which may be equipped with a DLS option measuring in the same flow cell.

Differential Refractive Index (dRI) Detector:

- a 512 element diode array dRI with a unsurpassed sensitivity ($\pm 7.5 \times 10^{-10}$ RIU across the entire measurement range) and working range (-0.0047 — +0.0047 RIU),
- a dRI detector using the same wavelength as the MALS detector, which means that the same dn/dc for molar mass calculation is used for the concentration determination,
- can measure also the absolute refractive index of a solvent (useful if a solvent mixture),
- a detector, which is calibrated during manufacturing so that the detector signal can be directly calculated with the dn/dc value to the real concentration (no re-calibration needed).

Asymmetric-flow-field-flow-fractionation (Eclipse® AF4):

- the only FFF system on the market using only one pump,
- a Frit Inlet (FI) channel, which uses a FFF separation technique without focusing step (a technical evaluation showed that some of our samples cannot be measured with traditional channels using the focusing step),
- a CoriFlow controller to precisely measure and adjust the cross-flow,
- a comprehensive software to control all instrumentation (HPLC system, FFF system and detectors). The software is developed especially for FFF and features a module to simulate and predict fractograms based on FFF theory.

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: [2018/S 078-174091](#)

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

18/04/2018

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: Wyatt Technology Europe GmbH

Town: Dernbach
NUTS code: DE Deutschland
Country: Germany
The contractor is an SME: no

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

Total value of the contract/lot: 1 875 000,00 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: Klagensævnet for Udbud / The Complaints Board for Public Procurement

Postal address: Nævnenes Hus, Toldboden 2

Town: Viborg

Postal code: 8800

Country: Denmark

E-mail: klfu@erst.dk

Telephone: +45 35291000

Internet address: <https://erhvervsstyrelsen.dk/klagenaevnet-for-udbud>

VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

Pursuant to Danish Act on The Complaints Board for Public Procurement (act n° 492 of 12.5.2010 with subsequent amendments — available at www.retsinformation.dk), the following time-limits for filing a complaint apply: Complaints must be filed with The Complaints board for Public procurement within:

- 1) 45 calendar days after the Contracting Authority has published a contract award notice in the Official Journal of the European Union (with effect from the day following the publication date);
- 2) 30 calendar days starting the day after the Contracting Authority has informed the tenderers in question, that the Contracting Authority has entered into a contract based on a Framework Agreement through reopening of competition or a dynamic purchasing system, provided that the notification includes a short account of the relevant reasons for the decision;
- 3) 6 months starting the day after the Contracting Authority has sent notification to the candidates / tenderers involved that the Contracting Authority has entered into the Framework Agreement, cf. § 2(2) or § 171(4) of the Act on Public Procurement, provided that the notification included a short account of the relevant reasons for the decision;
- 4) 20 calendar days starting the day after the Contracting Authority has published a notice concerning his decision to uphold the contract, cf. § 185 (2) of the Act on Public Procurement. The complainant must inform the Contracting Authority of the complaint in writing at the latest simultaneously with the lodge of the complaint to The Complaints board for Public procurement stating whether the complaint has been lodged in the stand-still period, cf. § 6(4) of the Act on The Complaints board for Public procurement. If the complaint has not been lodged in the standstill period, the complainant must also state whether it is requested that the appeal is granted delaying effect, cf. § 12(1) of the said Act. The email of The Complaints board for Public procurement is stated in Section VI.4.1. The Complaints board for Public

procurement's own guidance note concerning complaints is available at the internet address stated in Section VI.4.1

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

Official name: Konkurrence- og Forbrugerstyrelsen / Danish Competition and Consumer Authority

Postal address: Carl Jacobsens Vej 35

Town: Kgs. Lyngby

Postal code: 2800

Country: Denmark

E-mail: kfst@kfst.dk

Telephone: +45 41715000

Internet address: <http://www.kfst.dk/>

VI.5. Date of dispatch of this notice

16/05/2018