

Denmark-Lyngby: Architectural, construction, engineering and inspection services

OJ S 216/2022 09/11/2022

Contract notice

Services

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Technical University of Denmark

National registration number: 30060946

Postal address: Energivej, Building 409

Town: Lyngby

NUTS code: DK011 Byen København

Postal code: 2800

Country: Denmark

Contact person: Troels Lysgaard-Hansen

E-mail: tlyha@dtu.dk

Internet address(es):

Main address: www.dtu.dk

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://build.dalux.com/client/en-us/public/tender/TID-19535>

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

Education

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

DTU Nano Lab, Building 346A - Design of Cleanroom

II.1.2. Main CPV code

71000000 Architectural, construction, engineering and inspection services

II.1.3. Type of contract

Services

II.1.4. Short description

DTU Nanolab is the Danish National Centre for Nanofabrication and Characterization. DTU Nanolab offers access, services and expertise in the area of micro and nanofabrication to

academia and industry. The scope of this project is the expansion of the cleanroom for nanofabrication. The current DTU Nanolab is a state-of-the-art micro and nanofabrication facility of 1.300 m². A total of around 400 users from DTU, other Danish universities and industry share the facility.

II.1.5. Estimated total value

Value excluding VAT: 13 000 000,00 DKK

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

71240000 Architectural, engineering and planning services, 71251000 Architectural and building-surveying services, 71300000 Engineering services, 71320000 Engineering design services, 71350000 Engineering-related scientific and technical services

II.2.3. Place of performance

NUTS code: DK012 Københavns omegn

Main site or place of performance: Lyngby, Denmark

II.2.4. Description of the procurement

During the last years the growing activity has left little space for new academic or industrial activities. The capacity for new tool installations is exhausted. Any new installation would require the removal of an existing tool.

The present cleanroom facility is 20 years old. The experience gained in running such a facility has prompted the following aspirations for the expansions:

- The expansion shall be attractive for commercial companies working in the nanotechnology industry to carry out research, prototyping or manufacturing at DTU
- The expansion shall be a showcase for the technology being used and developed at DTU Nanolab
- The cleanroom should facilitate tool move in and provide a plug and play environment enhancing facilities for the development of novel processes and products
- The expansion shall provide an inspiring place for students and researchers to work and learn

The project concerning the new facility is planned west of the existing DTU Nanolab building B346 and will comprise a minimum of three storeys: basement, ground floor and first floor. The main function of the extension is to house a 200mm semiconductor cleanroom and cleanroom gowning connected to the existing cleanroom in B346.

It is an aspiration of this project to achieve a high level of sustainability and create a showcase of low energy cleanroom fabrication to the financial and environmental benefit of the University.

II.2.5. Award criteria

Criteria below

Quality criterion - Name: Competencies of key personnel / Weighting: 40

Quality criterion - Name: Case / Weighting: 35

Price - Weighting: 25

II.2.6. Estimated value

Value excluding VAT: 13 000 000,00 DKK

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

Duration in months: 42

This contract is subject to renewal: no

II.2.9. Information about the limits on the number of candidates to be invited

Envisaged number of candidates: 3
Objective criteria for choosing the limited number of candidates:

The selection of candidates will be made based on an overall assessment of the candidates' references as set out in the ESPD, Part V. In the assessment, DTU will place emphasis on the extent to which the references provide evidence that the candidate can manage and deliver the design for:

1. Semiconductor type research or manufacturing cleanrooms corresponding to the tendered project
 2. Research laboratories with controlled environments corresponding to the tendered project
- When assessing the applications, it will weigh positively if the reference concerns a recent project. Concrete descriptions of how a candidate has worked with projects concerning the criteria will weigh positively. The mere fact that a candidate has been involved in a project in which one or more of the criteria has been worked on will not weigh positively.

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:
no

II.2.14. Additional information

The candidate will be excluded from participation in the tender procedure if the candidate is covered by the voluntary exclusion ground in Section 137(1)(2) of the Danish Public Procurement Act concerning bankruptcy, etc.

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.2. Economic and financial standing

Minimum level(s) of standards possibly required:

To be eligible for prequalification candidates must meet the following three requirements concerning net turnover, equity and solvency ratio which is stated in their most recent annual report:

- Net turnover: 25.000.000 DKK
- Equity: 5.000.000 DK
- Solvency ratio: 10%

III.1.3. Technical and professional ability

List and brief description of selection criteria:

DTU will place emphasis on the extent to which the references provide evidence that the candidate can manage and deliver the design for:

1. Semiconductor type research or manufacturing cleanrooms corresponding to the tendered project
2. Research laboratories with controlled environments corresponding to the tendered project

When assessing the applications, it will weigh positively if the reference concerns a recent project. Concrete descriptions of how a candidate has worked with projects concerning the criteria will weigh positively. The mere fact that a candidate has been involved in a project in which one or more of the criteria has been worked on will not weigh positively.

Minimum level(s) of standards possibly required:

To ensure that the candidate possesses the necessary professional competence the candidate must have the references below:

A minimum of two references in the following category:

a) Cleanrooms: Projects demonstrating that the candidate has experience in the multi-disciplinary engineering and architectural design of semiconductor type research or manufacturing cleanrooms with a minimum size of 500 sq.m. clean/under filter area. The cleanroom class must have achieved ISO 6 or a lower particle count.

A minimum of one reference in the following category:

b) Research Facility: Projects demonstrating that the candidate has experience in the multi-disciplinary engineering and architectural design of advanced technology research laboratories with controlled environments. These environments may be defined as having one or more of the following criteria: low vibration, low electromagnetic interference or tightly controlled humidity, temperature and pressure regimes.

One reference project may support both categories a) and b).

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Competitive dialogue

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

Date: 05/12/2022 Local time: 23:59

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

Date: 08/12/2022

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

Danish, 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)

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: The Danish Complaints Board for Public Procurement
Postal address: Toldboden 2
Town: Viborg
Postal code: 8800
Country: Denmark
E-mail: kflu@naevneneshus.dk
Telephone: +45 72405600
Internet address: <http://erhvervsstyrelsen.dk/om-klagenaevnet-for-udbud>

VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

An appeal against not being prequalified to tender for the contract must be submitted to the Danish Complaints Board for Public Procurement within 20 calendar days, calculated from the day after DTU notifies the candidates concerned of who has been selected, cf. section 7(1) of Statutory Order No 593 of 2 June 2016 on the Act on the Danish Complaints Board for Public Procurement.

An appeal against nonaward of the contract must be submitted to the Danish Complaints Board for Public Procurement within 45 calendar days of the day after DTU has published a notice in the Official Journal of the European Union stating that DTU has concluded the contracts, cf. section 7(2)(1) of Statutory Order No 593 of 2 June 2016 on the Act on the Danish Complaints Board for Public Procurement.

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

Official name: The 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: <http://kfst.dk>

VI.5. Date of dispatch of this notice

04/11/2022