

439187-2026 - Състезателна процедура

Дания – Електронни микроскопи – Scanning Electron Microscope

OJ S 121/2026 26/06/2026

Обявление за поръчка или концесия – стандартен режим

Доставки - Услуги

1. Купувач

1.1. Купувач

Официално наименование: Danmarks Tekniske Universitet - DTU

Електронна поща: aasst@dtu.dk

Правна категория на купувача: Публичноправна организация

Дейност на възлагащия орган: Образование

2. Процедура

2.1. Процедура

Заглавие: Scanning Electron Microscope

Описание: This tender concerns the acquisition of a scanning electron microscope (SEM) for a university facility that provides access to an extensive suite of nanofabrication and characterisation tools as one of its core purposes. Due to a recently identified bottleneck in the suite of high-end characterisation in the cleanroom, DTU wishes to acquire a SEM. This problem has arisen as the result of multiple breakdowns among the aging and current instruments thus exposing an unexpected vulnerability in the overall process flow of several of our commercial users. The instrument is intended to meet the characterization requirements of DTU's key commercial customers. Accordingly, only a high-end system equipped with a field emission source, capable of delivering high emission at low energy spread, will be considered acceptable. The system must provide state-of-the-art lateral image resolution of 0.8 nm or better at an accelerating voltage of 15 kV, and 0.9 nm or better at 1 kV, both achieved without beam deceleration or sample bias and using the in-column secondary electron detector. The SEM must be compatible with samples originating directly from customer production processes and must therefore be capable of handling wafers with diameters of up to 200 mm. Typical substrate materials include silicon, fused silica, and quartz. These materials cannot be coated to reduce charging effects during SEM analysis, and the instrument must therefore be capable of imaging such non-conductive samples without the application of conductive coatings.

Идентификатор на процедурата: f3ff19a2-25b9-41b0-8e6a-5c851a8618a9

Вътрешен идентификатор: 11134

Вид процедура: Открита

Процедурата се ускорява: не

2.1.1. Цел

Естество на поръчката: Доставки

Допълнителен характер на поръчката: Услуги

Основна класификация (cpr): 38511000 Електронни микроскопи

2.1.2. Място на изпълнение

Пощенски адрес: Ørsted's Plads, Building 346

Град: Kongens Lyngby

Пощенски код: 2800

Административно-териториална единица на държавата (NUTS): Københavns omegn (DK012)

Държава: Дания

Допълнителна информация: DTU Nanolab Building 346

2.1.4. Обща информация

Допълнителна информация: General information on participation in the procurement procedure: Participation in the procurement procedure may only take place electronically via the Contracting Authority's electronic procurement system. To gain access to the procurement documents, the tenderer must be registered or register as a user. If the procurement documents contain multiple versions of the same document, the most recently uploaded version shall prevail. All communication in connection with the procurement procedure, including questions and answers, must take place via the electronic procurement system. Questions must be submitted in due time to enable the Contracting Authority to obtain the necessary information and provide responses no later than six days before the expiry of the tender deadline. Questions received later than six days before the deadline cannot be expected to be answered unless the deadline is simultaneously extended. Interested parties are encouraged to keep themselves informed via the electronic procurement system. If the applicant experiences technical issues with the system, support may be contacted via email at dksupport@eu-supply.com or by telephone at (+45) 70 20 80 14. The tenderer must submit an ESPD as preliminary documentation for the matters referred to in the Danish Public Procurement Act. It is not necessary for the tenderer to sign the ESPD. Prior to the award decision, the tenderer that the Contracting Authority intends to award the contract to must provide documentation for the information stated in the ESPD in accordance with sections 151–152 of the Danish Public Procurement Act, cf. section 153. As an alternative to the documentation referred to in sections 153–155, 157 and 158 of the Danish Public Procurement Act, the tenderer may submit a certificate of registration on an official list of approved economic operators, cf. section 156, issued by the competent authority. The Contracting Authority may only accept such certificates from tenderers established in the country that maintains the official list. Language: All correspondence relating to the procurement must be in English. Tenders must be submitted in English. The final contract will be concluded in English. The Contracting Authority may apply the procedure set out in section 159(5) of the Danish Public Procurement Act if the tender does not comply with the formal requirements set out in the procurement documents. Please note that the procurement is covered by Article 5k of Council Regulation (EU) No 833/2014, as amended. This provision contains a prohibition against awarding contracts to Russian companies and companies under Russian control, etc. (see Article 5k(1) for the precise definition of the entities covered by the prohibition). The Contracting Authority reserves the right at any time during the procurement procedure to request documentation that the economic operators are not covered by the prohibition, for example by requiring a declaration to that effect and/or documentation regarding the place of establishment and ownership structure of the operators, as well as any subcontractors.

Правно основание:

Директива 2014/24/ЕС

2.1.6. Основания за изключване

Източници на основанията за изключване: Уведомление

Корупция: Has the economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or

control therein been the subject of a conviction by final judgment for corruption, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable? As defined in Article 3 of the Convention on the fight against corruption involving officials of the European Communities or officials of Member States of the European Union, OJ C 195, 25.6.1997, p. 1, and in Article 2(1) of Council Framework Decision 2003/568/JHA of 22 July 2003 on combating corruption in the private sector (OJ L 192, 31.7.2003, p. 54). This exclusion ground also includes corruption as defined in the national law of the contracting authority (contracting entity) or the economic operator

Измами: Has the economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein been the subject of a conviction by final judgment for fraud, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable? Within the meaning of Article 1 of the Convention on the protection of the European Communities' financial interests (OJ C 316, 27.11.1995, p. 48).

Изпиране на пари или финансиране на тероризма: Has the economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein been the subject of a conviction by final judgment for money laundering or terrorist financing, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable? As defined in Article 1 of Directive 2005/60/EC of the European Parliament and of the Council of 26 October 2005 on the prevention of the use of the financial system for the purpose of money laundering and terrorist financing (OJ L 309, 25.11.2005, p. 15).

Участие в престъпна организация: Has the economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein been the subject of a conviction by final judgment for participation in a criminal organisation, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable? As defined in Article 2 of Council Framework Decision 2008/841/JHA of 24 October 2008 on the fight against organised crime (OJ L 300, 11.11.2008, p. 42).

Терористични престъпления или престъпления, които са свързани с терористични дейности: Has the economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein been the subject of a conviction by final judgment for terrorist offences or offences linked to terrorist activities, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable? As defined in Articles 1 and 3 of Council Framework Decision of 13 June 2002 on combating terrorism (OJ L 164, 22.6.2002, p. 3). This exclusion ground also includes inciting or aiding or abetting or attempting to commit an offence, as referred to in Article 4 of that Framework Decision.

Детски труд и други форми на трафик на хора: Has the economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein been the subject of a conviction by final judgment for child labour and other forms of trafficking in human beings, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable? As defined in Article 2 of Directive 2011/36/EU of the European Parliament and of the Council of 5 April 2011 on preventing and combating trafficking in human beings and protecting its victims, and replacing Council Framework Decision 2002/629/JHA (OJ L 101, 15.4.2011, p. 1).

Нарушение на задължения в областта на екологичното право: Has the economic operator, to its knowledge, breached its obligations in the field of environmental law? As referred to for

the purposes of this procurement in national law, in the relevant notice or the procurement documents or in Article 18(2) of Directive 2014/24/EU.

Нарушение на задължения в областта на трудовото право: Has the economic operator, to its knowledge, breached its obligations in the field of labour law? As referred to for the purposes of this procurement in national law, in the relevant notice or the procurement documents or in Article 18(2) of Directive 2014/24/EU.

Нарушение на задължения в областта на социалното право: Has the economic operator, to its knowledge, breached its obligations in the field of social law? As referred to for the purposes of this procurement in national law, in the relevant notice or the procurement documents or in Article 18(2) of Directive 2014/24/EU.

Тежко професионално нарушение: Is the economic operator guilty of grave professional misconduct? Where applicable, see definitions in national law, the relevant notice or the procurement documents.

Неверни данни, укриване на информация, непредставяне на придружаващи документи или получаване на поверителна информация във връзка с процедурата: Can the economic operator confirm that: a) It has been guilty of serious misrepresentation in supplying the information required for the verification of the absence of grounds for exclusion or the fulfilment of the selection criteria, b) It has withheld such information, c) It has not been able, without delay, to submit the supporting documents required by a contracting authority or contracting entity, and d) It has undertaken to unduly influence the decision making process of the contracting authority or contracting entity, to obtain confidential information that may confer upon it undue advantages in the procurement procedure or to negligently provide misleading information that may have a material influence on decisions concerning exclusion, selection or award?

Конфликт на интереси, свързан с участието в процедурата за възлагане на обществена поръчка: Is the economic operator aware of any conflict of interest, as indicated in national law, the relevant notice or the procurement documents due to its participation in the procurement procedure?

Пряко или косвено участие в подготовката на процедурата за възлагане на обществена поръчка: Has the economic operator or an undertaking related to it advised the contracting authority or contracting entity or otherwise been involved in the preparation of the procurement procedure?

Неизпълнение на задължение, свързано с плащането на социалноосигурителни вноски: Has the economic operator breached its obligations relating to the payment social security contributions, both in the country in which it is established and in Member State of the contracting authority or contracting entity if other than the country of establishment?

Неизпълнение на задължение, свързано с плащането на данъци: Has the economic operator breached its obligations relating to the payment of taxes, both in the country in which it is established and in Member State of the contracting authority or contracting entity if other than the country of establishment?

Прекратена стопанска дейност: Are the business activities of the economic operator suspended? This information needs not be given if exclusion of economic operators in this case has been made mandatory under the applicable national law without any possibility of derogation where the economic operator is nevertheless able to perform the contract.

Банкrupt: Is the economic operator bankrupt? This information needs not be given if exclusion of economic operators in this case has been made mandatory under the applicable national law without any possibility of derogation where the economic operator is nevertheless able to perform the contract.

Споразумение с кредиторите: Is the economic operator in arrangement with creditors? This information needs not be given if exclusion of economic operators in this case has been made

mandatory under the applicable national law without any possibility of derogation where the economic operator is nevertheless able to perform the contract.

Неплатежоспособност: Is the economic operator the subject of insolvency or winding-up?

This information needs not be given if exclusion of economic operators in this case has been made mandatory under the applicable national law without any possibility of derogation where the economic operator is nevertheless able to perform the contract.

Администриране на активите от ликвидатор: Are the assets of the economic operator being administered by a liquidator or by the court? This information needs not be given if exclusion of economic operators in this case has been made mandatory under the applicable national law without any possibility of derogation where the economic operator is nevertheless able to perform the contract.

Аналогична на несъстоятелност ситуация съгласно националното законодателство: Is the economic operator in in any analogous situation like bankruptcy arising from a similar procedure under national laws and regulations? This information needs not be given if exclusion of economic operators in this case has been made mandatory under the applicable national law without any possibility of derogation where the economic operator is nevertheless able to perform the contract.

5. Обособена позиция

5.1. Обособена позиция: LOT-0000

Заглавие: Scanning Electron Microscope

Описание: This tender concerns the acquisition of a scanning electron microscope (SEM) for a university facility that provides access to an extensive suite of nanofabrication and characterisation tools as one of its core purposes. Due to a recently identified bottleneck in the suite of high-end characterisation in the cleanroom, DTU wishes to acquire a SEM. This problem has arisen as the result of multiple breakdowns among the aging and current instruments thus exposing an unexpected vulnerability in the overall process flow of several of our commercial users. The instrument is intended to meet the characterization requirements of DTU's key commercial customers. Accordingly, only a high-end system equipped with a field emission source, capable of delivering high emission at low energy spread, will be considered acceptable. The system must provide state-of-the-art lateral image resolution of 0.8 nm or better at an accelerating voltage of 15 kV, and 0.9 nm or better at 1 kV, both achieved without beam deceleration or sample bias and using the in-column secondary electron detector. The SEM must be compatible with samples originating directly from customer production processes and must therefore be capable of handling wafers with diameters of up to 200 mm. Typical substrate materials include silicon, fused silica, and quartz. These materials cannot be coated to reduce charging effects during SEM analysis, and the instrument must therefore be capable of imaging such non-conductive samples without the application of conductive coatings.

Вътрешен идентификатор: 11134

5.1.1. Цел

Естество на поръчката: Доставки

Допълнителен характер на поръчката: Услуги

Основна класификация (cprv): 38511000 Електронни микроскопи

5.1.2. Място на изпълнение

Пощенски адрес: Ørsted's Plads, Building 346

Град: Kongens Lyngby

Пощенски код: 2800

Административно-териториална единица на държавата (NUTS): København (DK012)

Държава: Дания

Допълнителна информация: DTU Nanolab Building 346

5.1.3. Очаквана продължителност

Срок: 1 Година

5.1.6. Обща информация

Запазено участие:

Участието не е запазено.

Проект за възлагане на обществена поръчка, който не е финансиран със средства от ЕС
Поръчката попада в приложното поле на Споразумението за държавните поръчки (СДП)
: да

Тази обществена поръчка е подходяща и за малки и средни предприятия (МСП): да
Допълнителна информация: General information on participation in the procurement procedure: Participation in the procurement procedure may only take place electronically via the Contracting Authority's electronic procurement system. To gain access to the procurement documents, the tenderer must be registered or register as a user. If the procurement documents contain multiple versions of the same document, the most recently uploaded version shall prevail. All communication in connection with the procurement procedure, including questions and answers, must take place via the electronic procurement system. Questions must be submitted in due time to enable the Contracting Authority to obtain the necessary information and provide responses no later than six days before the expiry of the tender deadline. Questions received later than six days before the deadline cannot be expected to be answered unless the deadline is simultaneously extended. Interested parties are encouraged to keep themselves informed via the electronic procurement system. If the applicant experiences technical issues with the system, support may be contacted via email at dksupport@eu-supply.com or by telephone at (+45) 70 20 80 14. The tenderer must submit an ESPD as preliminary documentation for the matters referred to in the Danish Public Procurement Act. It is not necessary for the tenderer to sign the ESPD. Prior to the award decision, the tenderer that the Contracting Authority intends to award the contract to must provide documentation for the information stated in the ESPD in accordance with sections 151–152 of the Danish Public Procurement Act, cf. section 153. As an alternative to the documentation referred to in sections 153–155, 157 and 158 of the Danish Public Procurement Act, the tenderer may submit a certificate of registration on an official list of approved economic operators, cf. section 156, issued by the competent authority. The Contracting Authority may only accept such certificates from tenderers established in the country that maintains the official list. Language: All correspondence relating to the procurement must be in English. Tenders must be submitted in English. The final contract will be concluded in English. The Contracting Authority may apply the procedure set out in section 159(5) of the Danish Public Procurement Act if the tender does not comply with the formal requirements set out in the procurement documents. Please note that the procurement is covered by Article 5k of Council Regulation (EU) No 833/2014, as amended. This provision contains a prohibition against awarding contracts to Russian companies and companies under Russian control, etc. (see Article 5k(1) for the precise definition of the entities covered by the prohibition). The Contracting Authority reserves the right at any time during the procurement procedure to request documentation that the economic operators are not covered by the prohibition, for example by requiring a declaration to that effect and/or documentation

regarding the place of establishment and ownership structure of the operators, as well as any subcontractors.

5.1.7. Стратегически обществени поръчки

Критерии за екологосъобразна поръчка: Други критерии за екологосъобразни обществени поръчки

5.1.9. Критерии за подбор

Източници на критерии за избор: Уведомление

Критерий: Референции за определени услуги

Описание на критерия за подбор: The Tenderer must show that it has the technical and professional ability to fulfil the contract. The Tenderer must demonstrate this by providing at least 3 relevant references for comparable agreements, showing that the Tenderer has previously delivered, installed and serviced a Scanning Electron Micro-scope (SEM) substantially equivalent to the Instrument. The agreement, to which the reference refers, must not be more than 5 years old. The date is calculated from the last delivery date of the machine under the agreement in the reference. If the Tenderer cannot comply with the requirement, the Tenderer can rely on the capacities of other entities or make a consortium

5.1.10. Критерии за възлагане

Критерий:

Вид: Цена

Наименование: Price

Описание: The price to be evaluated is the total price for the Instrument. DTU uses a linear point scale model to evaluate the tender prices. The linear model implies that the offered prices is converted into points. The offered prices are awarded points on a scale from 0-10.

Категория на критерия за възлагане с тегло: Тегло (процентен дял, точна величина)

Число, свързано с критерия за възлагане: 50

Критерий:

Вид: Качество

Наименование: Functionality and quality

Описание: The sub-criterion will be evaluated as described in Instructions to Tenderers.

Категория на критерия за възлагане с тегло: Тегло (процентен дял, точна величина)

Число, свързано с критерия за възлагане: 10

Критерий:

Вид: Качество

Наименование: Demonstrated performance

Описание: The sub-criterion will be evaluated as described in Instructions to Tenderers.

Категория на критерия за възлагане с тегло: Тегло (процентен дял, точна величина)

Число, свързано с критерия за възлагане: 25

Критерий:

Вид: Качество

Наименование: Delivery

Описание: The sub-criterion will be evaluated as described in Instructions to Tenderers.

Категория на критерия за възлагане с тегло: Тегло (процентен дял, точна величина)

Число, свързано с критерия за възлагане: 15

5.1.11. Документация за възлагане на обществена поръчка

Адрес на документацията за обществената поръчка: https://eu.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=457641&TID=200418216&B=

5.1.12. Условия за възлагане на обществена поръчка

Условия за подаване:

Електронно подаване: Задължително

Адрес за подаване: https://eu.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=457641&TID=200418216&B=

Езици, на които могат да се подават оферти или заявления за участие: английски

Електронен каталог: Забранено

Варианти: Забранено

Оферентите могат да представят повече от една оферта: Забранено

Краен срок за получаване на оферти: 31/08/2026 10:00:00 (UTC+00:00)
западноевропейско време

Продължителност, през която офертата трябва да остане валидна: 6 Месеци

Информация, която може да бъде допълнена след крайния срок за подаване:

По преценка на купувача всички липсващи документи, отнасящи се до оферентите, могат да бъдат подадени по-късно.

Условия на договора:

Изпълнението на договора трябва да се извършва в рамките на програми за създаване на защитени работни места: Не

Условия, свързани с изпълнението на договора: Please see the Agreement.

Електронно фактуриране: Разрешено

Ще се използва електронно поръчване: да

Ще се използва електронно плащане: да

5.1.15. Техники**Рамково споразумение:**

Няма рамково споразумение

Информация за динамичната система за покупки:

Няма динамична система за покупки

5.1.16. Допълнителна информация, медиация и преразглеждане (обжалване)

Организация, отговаряща за преразглеждането (обжалването): Klagenævnet for Udbud

Информация за крайните срокове за преразглеждане: Complaint regarding the award of a contract must be submitted no later than 45 calendar days from the date after the Contracting Authority has published a notice in the European Union Official Journal informing that the Contracting Authority has awarded/concluded a contract, cf. lov om Klagenævnet for Udbud (Complaints Board for Tenders) § 7, Section 2, no. 1.

Организация, която предоставя допълнителна информация за процедурата за възлагане : Danmarks Tekniske Universitet - DTU

Организация, която предоставя достъп до документацията за поръчката без връзка с интернет: Danmarks Tekniske Universitet - DTU

Организация, предоставяща повече информация за процедурите за преглед (обжалване) : Konkurrence- og Forbrugerstyrelsen

Организация, която получава заявленията за участие: Danmarks Tekniske Universitet - DTU

Организация, която обработва офертите: Danmarks Tekniske Universitet - DTU

8. Организации**8.1. ORG-0001**

Официално наименование: Danmarks Tekniske Universitet - DTU

Регистрационен номер: 30060946

Пощенски адрес: Anker Engelunds Vej 1

Град: Kgs. Lyngby

Пощенски код: 2800

Административно-териториална единица на държавата (NUTS): Københavns omegn (DK012)

Държава: Дания

Звено за контакт: Anna Storch

Електронна поща: aasst@dtu.dk

Телефон: +45 999999

Интернет адрес: <https://www.dtu.dk>

Профил на купувача: <https://eu.eu-supply.com/ctm/company/companyinformation/index/165863>

Роли на тази организация:

Купувач

Организация, която предоставя допълнителна информация за процедурата за възлагане

Организация, която предоставя достъп до документацията за поръчката без връзка с интернет

Организация, която получава заявленията за участие

Организация, която обработва офертите

8.1. ORG-0002

Официално наименование: Klagenævnet for Udbud

Регистрационен номер: 37795526

Пощенски адрес: Nævnenes hus, Toldboden 2

Град: Viborg

Пощенски код: 8800

Административно-териториална единица на държавата (NUTS): Østjylland (DK042)

Държава: Дания

Електронна поща: klfu@naeveneshus.dk

Телефон: +45 35291000

Интернет адрес: <http://www.klfu.dk>

Роли на тази организация:

Организация, отговаряща за преразглеждането (обжалването)

8.1. ORG-0003

Официално наименование: Konkurrence- og Forbrugerstyrelsen

Регистрационен номер: 10294819

Пощенски адрес: Carl Jacobsens Vej 35

Град: Valby

Пощенски код: 2500

Административно-териториална единица на държавата (NUTS): Byen København (DK011)

Държава: Дания

Електронна поща: kfst@kfst.dk

Телефон: +45 41715000

Интернет адрес: <http://www.kfst.dk>

Роли на тази организация:

Организация, предоставяща повече информация за процедурите за преглед (обжалване)

8.1. ORG-0004

Официално наименование: Mercell Holding ASA

Регистрационен номер: 980921565

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Информация за обявлението

Идентификатор/версия на обявлението: a0c39b75-a099-448f-b287-f7e268c2e16e - 01
Вид на формуляра: Състезателна процедура
Вид обявление: Обявление за поръчка или концесия – стандартен режим
Подвид на обявлението: 16
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