

628101-2026 - Hange

Taani – Tööstusmasinad – Delivery and installation of a High ion density etcher for lithium niobate on insulator - LiNbO₃ (LN)

OJ S 176/2026 11/09/2026

Hanketeade või kontsessiooniteade – üldkord

Asjad - Teenused

1. Hankija

1.1. Hankija

Ametlik nimi: Danmarks Tekniske Universitet - DTU

E-posti aadress: miktaa@dtu.dk

Hankija õiguslik vorm: Avalik-õiguslik isik

Hankija tegevus: Haridus

2. Menetlus

2.1. Menetlus

Pealkiri: Delivery and installation of a High ion density etcher for lithium niobate on insulator - LiNbO₃ (LN)

Kirjeldus: DTU Nanolab wishes to acquire a high ion density source reactive ion etcher for etching lithium niobate on insulator 150 mm wafer processing. Delivery is expected no later than Q4 2027. We are looking for a highly versatile instrument providing stable etch recipes, capable of etching at both nanometer scale and micrometer scale with precise control of etching depth, typically a few hundreds of nm. The instrument must have state-of-the-art performance in terms of profile control, uniformity, selectivity, and in particular etching sidewall smoothness to achieve low waveguide loss. The Instrument will be installed in the DTU Nanolab cleanroom - a university facility providing a comprehensive suite of micro- and nanofabrication tools. It serves a diverse community of over 200 active users, ranging from novice students to experienced researchers, as well a high percentage of commercial clients. At DTU Nanolab there are several research groups and companies working on developing and running small scale production of optical devices on the tools. Therefore the capability of etching smooth optical waveguide, gratings and other low-roughness optical devices are of high importance to us.

Menetluse tunnus: 3f758954-4e93-40e3-954b-d4f8b1299542

Sisemine tunnus: 10528

Menetluse liik: Avatud

Kiirendatud menetlus: ei

2.1.1. Eesmärk

Lepingu olemus: Asjad

Lepingu täiendav olemus: Teenused

Peamine liigitus (cpv): 42000000 Tööstusmasinad

Täiendav liigitus (cpv): 38636110 Tööstuslaserid, 38810000 Tööstuslike protsesside juhtimisseadmed

2.1.2. Lepingu täitmise koht

Postiaadress: Technical University of Denmark, NanoLab, Ørsted Plads, Building 347

Linn: Kgs. Lyngby

Sihtnumber: 2800

Riik – jaotus (NUTS): Nordsjælland (DK013)

Riik: Taani

2.1.4. Üldine teave

Lisateave: 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.

Õiguslik alus:

Direktiiv 2014/24/EL

2.1.6. Kõrvaldamise alused

Väljajätmise aluste allikad: Euroopa ühtne hankedokument (ESPD)

5. Osa

5.1. Osa: LOT-0000

Pealkiri: Delivery and installation of a High ion density etcher for lithium niobate on insulator - LiNbO₃ (LN)

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Sisemine tunnus: 10528

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Lepingu täiendav olemus: Teenused

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Linn: Kgs. Lyngby

Sihtnumber: 2800

Riik – jaotus (NUTS): Nordsjælland (DK013)

Riik: Taani

5.1.3. Eeldatav kestus

Muu kestus: Teadmata

5.1.6. Üldine teave

Reserveeritud osalemine:

Osalemine ei ole reserveeritud.

Hankeprojekt, mida ei rahastata ELi vahenditest

Hanke suhtes kohaldatakse riigihankelepingut (GPA): jah

See hange sobib ka väikestele ja keskmise suurusega ettevõtjatele (VKE'd): jah

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5.1.9. Kvalifitseerimistingimused

Valikukriteeriumide allikad: Teade

Kriteerium: Viited määratud teenustele

Valikukriteeriumi kirjeldus: 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 High ion density plasma etcher for etching of lithium niobate on insulator, 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.

5.1.10. Pakkumuste hindamise kriteeriumid

Kriteerium:

Liik: Hind

Nimi: Price

Kirjeldus: Based on the offered prices

Hindamise kaalukriteeriumi kategooria: Kaal (protsentides, täpne)

Hindamiskriteerium – arv: 20

Kriteerium:

Liik: Kvaliteet

Nimi: Quality, Functionality and Performance

Kirjeldus: Based on the tenderers answers to Appendix 1

Hindamise kaalukriteeriumi kategooria: Kaal (protsentides, täpne)

Hindamiskriteerium – arv: 80

5.1.11. Hankedokumendid

Keeled, milles hankedokumendid on ametlikult kättesaadavad: inglise keel

Lisateabe taotlemise tähtaeg: 08/10/2026 10:00:00 (UTC+00:00) Lääne-Euroopa aeg, Greenwichi aeg

Hankedokumentide aadress: https://eu.eu-supply.com/app/rfq/rwentrance_s.asp?PID=459768&TID=200420236&B=

5.1.12. Hanke tingimused

Esitamise tingimused:

Elektrooniline esitamine: Nõutav

Esitamise aadress: https://eu.eu-supply.com/app/rfq/rwentrance_s.asp?PID=459768&TID=200420236&B=

Keeled, milles võib pakkumusi või osalemistaotlusi esitada: inglise keel

Elektrooniline kataloog: Ei ole lubatud

Variandid: Ei ole lubatud

Pakkujad võivad esitada rohkem kui ühe pakkumuse: Ei ole lubatud

Pakkumuste esitamise tähtaeg: 15/10/2026 21:55:00 (UTC+00:00) Lääne-Euroopa aeg, Greenwichi aeg

Periood, mille jooksul pakkumus peab jääma kehtivaks: 90 Päevad

Teave, mida saab pärast esitamise tähtaega täiendada:

Ostja äranägemisel võib kõik puuduvad pakkujaga seotud dokumendid esitada hiljem.

Lepingutingimused:

Lepingu täitmine peab toimuma kaitstud tööhõive programmide raames: Ei

Lepingu täitmisega seotud tingimused: Please see the draft agreement which is part of the tender material.

Vajalik on konfidentsiaalsuskokkulepe: ei

E-arveldamine: Lubatud

Kasutatakse elektroonilisi tellimusi: jah

Kasutatakse elektroonilisi makseid: jah

5.1.15. Vahendid

Raamleping:

Ei kohaldata raamlepingut

Teave dunaamilise hankesüsteemi kohta:

Ei kohaldata dunaamilist hankesüsteemi

5.1.16. Lisateave, lepitus ja vaidlustus

Vaidlustusorgan: Klagenævnet for Udbud

Teave vaidlustamise tähtaegade kohta: 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.

Organisatsioon, mis annab lisateavet hankemenetluse kohta: Danmarks Tekniske Universitet - DTU

Hankedokumentidele internetivälist juurdepääsu pakkuv organisatsioon: Danmarks Tekniske Universitet - DTU

Organisatsioon, mis annab lisateavet vaidlustamise kohta: Konkurrence- og Forbrugerstyrelsen

8. Organisatsioonid

8.1. ORG-0001

Ametlik nimi: Danmarks Tekniske Universitet - DTU

Registreerimisnumber: 30060946

Postiaadress: Anker Engelunds Vej 1

Linn: Kgs. Lyngby

Sihtnumber: 2800

Riik – jaotus (NUTS): Nordsjælland (DK013)

Riik: Taani

Kontaktpunkt: Mikkel Taanum

E-posti aadress: miktaa@dtu.dk

Telefon: +45 20133820

Internetiaadress: <https://www.dtu.dk>

Hankija profiil: <https://eu.eu-supply.com/ctm/company/companyinformation/index/165863>

Selle organisatsiooni rollid:

Hankija

Organisatsioon, mis annab lisateavet hankemenetluse kohta

Hankedokumentidele internetiväliselt juurdepääsu pakkuv organisatsioon

8.1. ORG-0002

Ametlik nimi: Klagenævnet for Udbud

Registreerimisnumber: 37795526

Postiaadress: Nævnenes hus, Toldboden 2

Linn: Viborg

Sihtnumber: 8800

Riik – jaotus (NUTS): Østjylland (DK042)

Riik: Taani

E-posti aadress: klfu@erst.dk

Telefon: +45 35291000

Internetiaadress: <http://www.klfu.dk>

Selle organisatsiooni rollid:

Vaidlustusorgan

8.1. ORG-0003

Ametlik nimi: Konkurrence- og Forbrugerstyrelsen

Registreerimisnumber: 10294819

Postiaadress: Carl Jacobsens Vej 35

Linn: Valby

Sihtnumber: 2500

Riik – jaotus (NUTS): Byen København (DK011)

Riik: Taani

E-posti aadress: kfst@kfst.dk

Telefon: +45 41715000

Internetiaadress: <http://www.kfst.dk>

Selle organisatsiooni rollid:

Organisatsioon, mis annab lisateavet vaidlustamise kohta

8.1. ORG-0004

Ametlik nimi: Merzell Holding ASA

Registreerimisnumber: 980921565

Postiaadress: Askekroken 11

Linn: Oslo
Sihtnumber: 0277
Riik – jaotus (NUTS): Oslo (NO081)
Riik: Norra
Kontaktpunkt: eSender
E-posti aadress: publication@mercell.com
Telefon: +47 21018800
Faks: +47 21018801
Internetiaadress: <http://mercell.com/>
Selle organisatsiooni rollid:
TED eSender

Teave teate kohta

Teate tunnus/version: c7b18e55-fad3-4e45-b7ab-4fb73896cc76 - 01
Vormi liik: Hange
Teate liik: Hanketeade või kontsessiooniteade – üldkord
Teate alaliik: 16
Teate saatmise kuupäev: 10/09/2026 06:51:56 (UTC+00:00) Lääne-Euroopa aeg, Greenwichi aeg
Teate saatmise kuupäev (eSender): 10/09/2026 10:01:27 (UTC+00:00) Lääne-Euroopa aeg, Greenwichi aeg
Keeled, milles käesolev teade on ametlikult kättesaadav: inglise keel
Teate avaldamise number: 628101-2026
ELT S väljaande number: 176/2026
Avaldamise kuupäev: 11/09/2026