

246898-2026 - Direct award preannouncement

Denmark – Optical instruments – Indkøb af Neutron Superspejle i Wolter-1 geometri

OJ S 70/2026 10/04/2026

Voluntary ex-ante transparency notice

Supplies

1. Buyer

1.1. Buyer

Official name: Danmarks Tekniske Universitet - DTU

Email: perach@dtu.dk

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

Title: Indkøb af Neutron Superspejle i Wolter-1 geometri

Description: Anskaffelsen omhandler et specialdesignet sæt af indskudte, mikrometer tynde koniske spejlskaller i en såkaldt Wolter-I geometri, som reflekterer og fokuserer neutroner i stil med en optisk linse. Formålet er at fokusere neutronstrålen, der genereres ved blænden på neutron imaging instrumentet ODIN på European Spallation Source (ESS). Alle materialer skal være kompatible med at kunne monteres i en neutronstråle med flux svarende til almindelige betingelser på et neutron imaging instrument uden at bidrage med forstyrrende baggrundssignaler eller andre forringelser.

Procedure identifier: 0c47a53c-696e-43fc-8349-66b341a91cb3

Internal identifier: 10792

Type of procedure: Negotiated without prior call for competition

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38600000 Optical instruments

Additional classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

2.1.2. Place of performance

Anywhere

2.1.4. General information

Legal basis:

Directive 2014/24/EU

5. Lot

5.1. Lot: LOT-0000

Title: Indkøb af Neutron Superspejle i Wolter-1 geometri

Description: Anskaffelsen omhandler et specialdesignet sæt af indskudte, mikrometer tynde koniske spejlskaller i en såkaldt Wolter-I geometri, som reflekterer og fokuserer neutroner i stil med en optisk linse. Formålet er at fokusere neutronstrålen, der genereres ved blænden på

neutron imaging instrumentet ODIN på European Spallation Source (ESS). Alle materialer skal være kompatible med at kunne monteres i en neutronstråle med flux svarende til almindelige betingelser på et neutron imaging instrument uden at bidrage med forstyrrende baggrundssignaler eller andre forringelser.

Internal identifier: 10792

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38600000 Optical instruments

Additional classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

5.1.2. Place of performance

Anywhere

5.1.6. General information

The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.16. Further information, mediation and review

Mediation organisation: Konkurrence- og Forbrugerstyrelsen

Review organisation: Klagenævnet for Udbud

Organisation providing more information on the review procedures: Danmarks Tekniske Universitet - DTU

6. Results

Value of all contracts awarded in this notice: 812 500,00 DKK

Direct award

:

Justification for direct award: The contract can be provided only by a particular economic operator because of exclusive rights, including intellectual property rights

Other justification: CHEXS Aps har udviklet og patenteret fremstillingsmetoden for de meget glatte, tynde høj kvalitets superspejle i den indskudte koniske Wolter-1 geometri. En markedsundersøgelse har vist at CHEXS ApS er den eneste leverandør, der fremstiller nævnte spejle. Der findes andre producenter af neutronspejle, men de ønskede neutronspejle har en meget mindre krumningsradius end røntgenteleskoperne og neutron guides og kræver derfor en særligt tilpasset fremstilling eller har en anden dimension. De sædvanlige kommercielle typer af neutronspejle kan ikke fremstilles som tynde indskudte koniske spejlskaller, der tillader passage og fokusering af en neutronstråle, som f.eks. en optisk linse.

6.1. Result lot identifier: LOT-0000

6.1.2. Information about winners

Winner:

Official name: CHEXS Aps

Tender:

Tender identifier: 10792 - Neutron spejle

Identifier of lot or group of lots: LOT-0000

Contract information:

Identifier of the contract: 10792 - Neutron Spejle

8. Organisations

8.1. ORG-0001

Official name: Danmarks Tekniske Universitet - DTU

Registration number: 30060946

Postal address: Anker Engelunds Vej 1

Town: Kgs. Lyngby

Postcode: 2800

Country subdivision (NUTS): Københavns omegn (DK012)

Country: Denmark

Contact point: Per Christiansen

Email: perach@dtu.dk

Telephone: +45 45252525

Internet address: <https://www.dtu.dk>

Buyer profile: <https://eu.eu-supply.com/ctm/company/companyinformation/index/165863>

Roles of this organisation:

Buyer

Organisation providing more information on the review procedures

8.1. ORG-0002

Official name: Klagenævnet for Udbud

Registration number: 37795526

Postal address: Nævnenes hus, Toldboden 2

Town: Viborg

Postcode: 8800

Country subdivision (NUTS): Østjylland (DK042)

Country: Denmark

Email: klfu@erst.dk

Telephone: +45 35291000

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

Roles of this organisation:

Review organisation

8.1. ORG-0003

Official name: Konkurrence- og Forbrugerstyrelsen

Registration number: 10294819

Postal address: Carl Jacobsens Vej 35

Town: Valby

Postcode: 2500

Country subdivision (NUTS): Byen København (DK011)

Country: Denmark

Email: kfst@kfst.dk

Telephone: +45 41715000

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

Roles of this organisation:

Mediation organisation

8.1. ORG-0004

Official name: CHEXS Aps

Registration number: DK30060946

Town: Kgs. Lyngby

Postcode: 2800

Country subdivision (NUTS): Københavns omegn (DK012)

Country: Denmark

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0000

8.1. ORG-0005

Official name: Mercell Holding ASA

Registration number: 980921565

Postal address: Askekroken 11

Town: Oslo

Postcode: 0277

Country subdivision (NUTS): Oslo (NO081)

Country: Norway

Contact point: eSender

Email: publication@mercell.com

Telephone: +47 21018800

Fax: +47 21018801

Internet address: <http://mercell.com/>

Roles of this organisation:

TED eSender

Notice information

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