

519634-2026 - Competition

**Netherlands – Microelectronic machinery and apparatus and microsystems – Metrology
SEM+FIB system
OJ S 143/2026 28/07/2026
Contract or concession notice – standard regime
Supplies**

1. Buyer

1.1. Buyer

Official name: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
Email: arjan.verhoeven@tno.nl
Legal type of the buyer: Body governed by public law
Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: Metrology SEM+FIB system
Description: The main purpose of this FIB/SEM equipment is to perform material milling (cutting), 3D characterization, and cross section analysis of epitaxially grown InP, InGaAs, InAlGaAs and InGaAsP layers on InP substrates. The structures may also contain polymer-based planarization layers, SiOx or SiNx dielectric layers and TiPtAu or NiGeAu metal layers.
Levering van één SEM +FIB systeem
Procedure identifier: f890e1f5-5236-4ee0-8a94-cd0b658c3492
Internal identifier: WS2640013718
Type of procedure: Open
The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies
Main classification (cpv): 31712000 Microelectronic machinery and apparatus and microsystems
Additional classification (cpv): 38900000 Miscellaneous evaluation or testing instruments

2.1.2. Place of performance

Country: Netherlands
Anywhere in the given country
Additional information: Eindhoven, High Tech Campus

2.1.3. Value

Estimated value excluding VAT: 1 300 000,00 EUR

2.1.4. General information

Legal basis:
Directive 2014/24/EU

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5. Lot

5.1. Lot: LOT-0000

Title: Metal Lift-Off System (TNO44)

Description: Levering van een metal lift-off system Levering van één metal lift-off system

Internal identifier: 1

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 31712000 Microelectronic machinery and apparatus and microsystems

Additional classification (cpv): 38900000 Miscellaneous evaluation or testing instruments

Options:

Description of the options: - Onderhoudscontract(en) na afloop van de 24 maanden garantie; - Optioneel 2e SEM+FIB system; - Consumables/spare parts.

5.1.2. Place of performance

Country: Netherlands

Anywhere in the given country

Additional information: Eindhoven, High Tech Campus

5.1.3. Estimated duration

Duration: 48 Months

5.1.4. Renewal

Maximum renewals: 2

Other information about renewals: Onderhoud en service op SEM+FIB system

5.1.6. General information

Reserved participation:

Participation is not reserved.

The names and professional qualifications of the staff assigned to perform the contract must be given: Not required

Procurement Project not financed with EU Funds.

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

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

5.1.10. Award criteria

Criterion:

Type: Price

Name: Prijs

Description: TNO heeft alle relevante kwaliteitsaspecten volledig en objectief vastgelegd als minimumeisen. Hierdoor bestaat er geen ruimte voor kwalitatieve differentiatie tussen de inschrijvingen en kan de vergelijking derhalve op transparante wijze uitsluitend op basis van prijs plaatsvinden. Naar het oordeel van TNO is het hanteren van het gunningscriterium laagste prijs binnen deze aanbestedingsprocedure dan ook juridisch verdedigbaar en in overeenstemming met de beginselen van proportionaliteit, zorgvuldigheid en transp

Category of award weight criterion: Weight (points, exact)

Award criterion number: 100

5.1.11. Procurement documents

Deadline for requesting additional information: 17/08/2026 12:30:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Address of the procurement documents: <https://www.tenderned.nl/aankondigingen/overzicht/434821>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.tenderned.nl/aankondigingen/overzicht/434821>

Languages in which tenders or requests to participate may be submitted: Dutch

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of tenders: 07/09/2026 12:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Duration during which the tender must remain valid: 120 Days

Information about public opening:

Opening date: 07/09/2026 12:30:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

Electronic invoicing: Required

Electronic ordering will be used: no

Electronic payment will be used: no

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO - Rechtbank Den Haag

Organisation providing additional information about the procurement procedure: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

Organisation providing more information on the review procedures: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

Organisation receiving requests to participate: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

8. Organisations

8.1. ORG-0001

Official name: Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

Registration number: 252056395

Postal address: Anna van Buerenplein 1
Town: Den Haag
Postcode: 2595 DA
Country subdivision (NUTS): Agglomeratie 's-Gravenhage (NL361)
Country: Netherlands
Contact point: Rob Ruiter
Email: arjan.verhoeven@tno.nl
Telephone: +31 888665653
Internet address: <http://www.tno.nl>

Other contact points:

Official name: Rechtbank Den Haag
Postal address: Prins Clauslaan 60
Town: Den Haag
Postcode: 2595 AJ
Country subdivision (NUTS): Agglomeratie 's-Gravenhage (NL361)
Country: Netherlands
Contact point: Voorzieningenrechter
Email: arjan.verhoeven@tno.nl
Telephone: +31 888668570
Internet address: <http://www.rechtspraak.nl>

Roles of this organisation:

Buyer
Organisation providing additional information about the procurement procedure
Organisation receiving requests to participate
Review organisation
Organisation providing more information on the review procedures

Notice information

Notice identifier/version: 3aa8ad24-0a5e-4ef3-9735-e2adad898dd3 - 01
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