

495999-2026 - Competition

Belgium – Laboratory, optical and precision equipments (excl. glasses) – 2 PVD systemen en materiaal

OJ S 136/2026 17/07/2026

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: Universiteit Gent

Email: aankoopbeleid@ugent.be

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

Title: 2 PVD systemen en materiaal

Description: Lot 1 Explanation The contracting authority intends to purchase a high-quality thin-film deposition system for advanced materials research within the framework of the ERC-funded project THERMAGINE. The system will be used for the deposition and engineering of magnetic metallic and oxide thin films and multilayer stacks with nanometer-scale thickness control. The equipment will primarily be used for the fabrication of magnetic (multilayer) thin films and wedges for nanomagnetic research. The system must therefore provide a high degree of flexibility, reproducibility, process stability and automation. For Technical details see part III Lot 2 Explanation To facilitate exploratory research in the UGent cleanroom, a new physical vapor deposition (PVD) system is required which can handle substrates of at least 100 mm size. The PVD system will be shared between the photonics research group (PRG) and liquid crystals and photonics (LCP) research groups to deposit a wide range of (mostly) metal or dielectric thin films. Included in the assignment is the start-up and installation of the tool, as well as a load-lock for faster loading of the samples and training by the equipment provider. A 100 mm PVD thin film deposition system, with both e-gun evaporation and sputtering sources and a load-lock. Lot 3 Explanation First-year consumables for Lot 2. Lot 3 concerns the one-off purchase of the consumables specifically required for the PVD system described under Lot 2 and for use in the UGent cleanroom during the first year of operation. The inventory must include at least gold for sputtering targets, titanium for sputtering targets. gold for e-gun evaporation and titanium for e-gun evaporation. Other consumables used in lower quantities, such as aluminium, nickel, platinum, aluminium oxide, chromium and similar materials, may be offered as optional additional items but are not mandatory.

Procedure identifier: 4dc61aef-a2da-4a91-93d5-861906e47fc7

Internal identifier: PPP01G-3521/6418/26OPE019

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

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

2.1.2. Place of performance

Country subdivision (NUTS): Arr. Gent (BE234)

Country: Belgium

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Country subdivision (NUTS): Arr. Gent (BE234)

Country: Belgium

2.1.4. General information

Legal basis:

Directive 2014/24/EU

2.1.5. Terms of procurement

Terms of submission:

Maximum number of lots for which one tenderer can submit tenders: 3

Terms of contract:

Maximum number of lots for which contracts can be awarded to one tenderer: 3

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5. Lot

5.1. Lot: LOT-0001

Title: a high-quality thin-film deposition system for advanced materials research

Description: The contracting authority intends to purchase a high-quality thin-film deposition system for advanced materials research within the framework of the ERC-funded project THERMAGINE. The system will be used for the deposition and engineering of magnetic metallic and oxide thin films and multilayer stacks with nanometer-scale thickness control. The equipment will primarily be used for the fabrication of magnetic (multilayer) thin films and wedges for nanomagnetic research. The system must therefore provide a high degree of flexibility, reproducibility, process stability and automation.

Internal identifier: 26OPE019_1

5.1.1. Purpose

Main nature of the contract: Supplies

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

Options:

Description of the options: Vereiste opties (• Tenderers must offer, as a separately priced required option for Lot 1, a preventive maintenance contract, where applicable. • Tenderers must offer, as a separately priced required option for Lot 1, possible extras for the turbomolecular pump, including a magnetically levitated pump.)

5.1.2. Place of performance

Country subdivision (NUTS): Arr. Gent (BE234)

Country: Belgium

5.1.3. Estimated duration

Start date: 01/10/2026

Other duration: Unknown

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 fully or partially financed with EU Funds.

Information about European Union funds:

Identifier of EU funds: ERC Project THERMAGINE

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

5.1.9. Selection criteria

Sources of selection criteria: Notice

Criterion: Average yearly turnover

Description of selection criterion: jaarrekening afgelopen jaar Minimumeisen: Submit the annual accounts of the last financial year.

Criterion: References on specified deliveries

Description of selection criterion: Submit a reference list with at least 1 reference from the past 3 years, where a similar device was delivered, including explicit mention of the contact person (name + telephone number) for this reference. Minimumeisen: at least 1 reference from the past 3 years, where a similar device was delivered,

Criterion: Professional risk indemnity insurance

Description of selection criterion: Submit proof of such insurance or, where applicable, a bank statement.

Criterion: References on specified deliveries

Description of selection criterion: Extra only for lot 1 A list of academic publications, where the work was executed using an identical or similar equipment. Minimumeisen: The tenderer shall provide at least five references to peer-reviewed scientific publications from the past five years demonstrating the use of an identical or substantially similar physical vapor deposition system. These references will be used to assess the scientific quality, technological maturity and research suitability of the proposed equipment.

Criterion: Other economic or financial requirements

Description of selection criterion: * Het UEA, waarmee de ondernemer verklaart dat hij zich niet bevindt in een van de uitsluitingssituaties als bedoeld in de artikelen 67 tot 69 van de wet van 17 juni 2016. Artikel 70 van de wet van 17 juni 2016 betreffende de overheidsopdrachten

is van toepassing. Voor de in artikel 67 van de wet bedoelde uitsluitingsgronden deelt de gegadigde of inschrijver op eigen initiatief mee of hij bij het begin van de procedure de in artikel 70, lid 1, bedoelde corrigerende maatregelen heeft genomen.

5.1.10. Award criteria

Criterion:

Type: Cost

Description: Total Cost of Ownership (TCO)

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

Award criterion number: 30

Criterion:

Type: Quality

Description: Technische meerwaarde

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

Award criterion number: 60

Criterion:

Type: Quality

Description: Service, support en onderhoud

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

Award criterion number: 10

5.1.11. Procurement documents

Address of the procurement documents: <https://cloud.3p.eu/Downloads/1/3521/1G/2026>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.publicprocurement.be>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of tenders: 21/08/2026 14:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Duration during which the tender must remain valid: 90 Days

Information about public opening:

Opening date: 21/08/2026 14:00:00 (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: Raad Van State

Information about review deadlines: Organisatie die informatie verstrekt over
beroepsprocedures en bijhorende termijnen: Raad Van State
Organisation providing additional information about the procurement procedure: Universiteit
Gent
Organisation providing more information on the review procedures: Raad Van State
Organisation receiving requests to participate: Universiteit Gent

5.1. Lot: LOT-0002

Title: a thin film physical vapor deposition system in the UGent cleanroom

Description: To facilitate exploratory research in the UGent cleanroom, a new physical vapor deposition (PVD) system is required which can handle substrates of at least 100 mm size. The PVD system will be shared between the photonics research group (PRG) and liquid crystals and photonics (LCP) research groups to deposit a wide range of (mostly) metal or dielectric thin films. Included in the assignment is the start-up and installation of the tool, as well as a load-lock for faster loading of the samples and training by the equipment provider. A 100 mm PVD thin film deposition system, with both e-gun evaporation and sputtering sources and a load-lock.

Internal identifier: 26OPE019_2

5.1.1. Purpose

Main nature of the contract: Supplies

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

Options:

Description of the options: Vereiste opties (• Tenderers must offer, as a separately priced required option for Lot 2, a preventive maintenance contract, where applicable.)

5.1.2. Place of performance

Postal address: Technologiepark Zwijnaarde 126

Town: Zwijnaarde

Postcode: 9052

Country subdivision (NUTS): Arr. Gent (BE234)

Country: Belgium

Additional information: Vakgroep Elektronica en informatiesystemen

5.1.3. Estimated duration

Start date: 01/10/2026

Other duration: Unknown

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

5.1.9. Selection criteria

Sources of selection criteria: Notice

Criterion: Average yearly turnover

Description of selection criterion: jaarrekening afgelopen jaar Minimumeisen: Submit the annual accounts of the last financial year.

Criterion: References on specified deliveries

Description of selection criterion: Submit a reference list with at least 1 reference from the past 3 years, where a similar device was delivered, including explicit mention of the contact person (name + telephone number) for this reference. Minimumeisen: at least 1 reference from the past 3 years, where a similar device was delivered,

Criterion: Professional risk indemnity insurance

Description of selection criterion: Submit proof of such insurance or, where applicable, a bank statement.

Criterion: Other economic or financial requirements

Description of selection criterion: * Het UEA, waarmee de ondernemer verklaart dat hij zich niet bevindt in een van de uitsluitingssituaties als bedoeld in de artikelen 67 tot 69 van de wet van 17 juni 2016. Artikel 70 van de wet van 17 juni 2016 betreffende de overheidsopdrachten is van toepassing. Voor de in artikel 67 van de wet bedoelde uitsluitingsgronden deelt de gegadigde of inschrijver op eigen initiatief mee of hij bij het begin van de procedure de in artikel 70, lid 1, bedoelde corrigerende maatregelen heeft genomen.

5.1.10. Award criteria

Criterion:

Type: Cost

Description: Total Cost of Ownership (TCO)

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

Award criterion number: 40

Criterion:

Type: Quality

Description: Kwaliteit

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

Award criterion number: 40

Criterion:

Type: Quality

Description: Gebruikersvriendelijkheid

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

Award criterion number: 5

Criterion:

Type: Quality

Description: Service, support en onderhoud

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

Award criterion number: 15

5.1.11. Procurement documents

Address of the procurement documents: <https://cloud.3p.eu/Downloads/1/3521/1G/2026>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.publicprocurement.be>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of tenders: 21/08/2026 14:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Duration during which the tender must remain valid: 90 Days

Information about public opening:

Opening date: 21/08/2026 14:00:00 (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: Raad Van State

Information about review deadlines: Organisatie die informatie verstrekt over beroepsprocedures en bijhorende termijnen: Raad Van State

Organisation providing additional information about the procurement procedure: Universiteit Gent

Organisation providing more information on the review procedures: Raad Van State

Organisation receiving requests to participate: Universiteit Gent

5.1. Lot: LOT-0003

Title: first-year consumables for Lot 2

Description: first-year consumables for Lot 2

Internal identifier: 26OPE019_3

5.1.1. Purpose

Main nature of the contract: Supplies

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

Additional classification (cpv): 14523200 Gold

5.1.2. Place of performance

Postal address: Technologiepark Zwijnaarde 126

Town: Zwijnaarde

Postcode: 9052

Country subdivision (NUTS): Arr. Gent (BE234)

Country: Belgium

Additional information: Vakgroep Elektronica en informatiesystemen

5.1.3. Estimated duration

Start date: 01/10/2026

Other duration: Unknown

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

5.1.9. Selection criteria

Sources of selection criteria: Notice

Criterion: Average yearly turnover

Description of selection criterion: jaarrekening afgelopen jaar Minimumeisen: Submit the annual accounts of the last financial year.

Criterion: References on specified deliveries

Description of selection criterion: Submit a reference list with at least 1 reference from the past 3 years, where a similar device was delivered, including explicit mention of the contact person (name + telephone number) for this reference. Minimumeisen: at least 1 reference from the past 3 years, where a similar device was delivered,

Criterion: Professional risk indemnity insurance

Description of selection criterion: Submit proof of such insurance or, where applicable, a bank statement.

Criterion: Other economic or financial requirements

Description of selection criterion: * Het UEA, waarmee de ondernemer verklaart dat hij zich niet bevindt in een van de uitsluitingssituaties als bedoeld in de artikelen 67 tot 69 van de wet van 17 juni 2016. Artikel 70 van de wet van 17 juni 2016 betreffende de overheidsopdrachten is van toepassing. Voor de in artikel 67 van de wet bedoelde uitsluitingsgronden deelt de gegadigde of inschrijver op eigen initiatief mee of hij bij het begin van de procedure de in artikel 70, lid 1, bedoelde corrigerende maatregelen heeft genomen.

5.1.10. Award criteria**Criterion:**

Type: Cost

Description: Prijs

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

Award criterion number: 50

Criterion:

Type: Quality

Description: Kwaliteit

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

Award criterion number: 50

5.1.11. Procurement documents

Address of the procurement documents: <https://cloud.3p.eu/Downloads/1/3521/1G/2026>

5.1.12. Terms of procurement**Terms of submission:**

Electronic submission: Required

Address for submission: <https://www.publicprocurement.be>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of tenders: 21/08/2026 14:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Duration during which the tender must remain valid: 90 Days

Information about public opening:

Opening date: 21/08/2026 14:00:00 (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: Raad Van State

Information about review deadlines: Organisatie die informatie verstrekt over beroepsprocedures en bijhorende termijnen: Raad Van State

Organisation providing additional information about the procurement procedure: Universiteit Gent

Organisation providing more information on the review procedures: Raad Van State

Organisation receiving requests to participate: Universiteit Gent

8. Organisations

8.1. ORG-0001

Official name: Universiteit Gent

Registration number: 0248.015.142

Postal address: Sint-Pietersnieuwstraat 25

Town: Gent

Postcode: 9000

Country subdivision (NUTS): Arr. Gent (BE234)

Country: Belgium

Contact point: Isolde De Grem

Email: aankoopbeleid@ugent.be

Telephone: +32 92644264

Internet address: <http://www.ugent.be/>

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Organisation receiving requests to participate

8.1. ORG-0002

Official name: Raad Van State

Registration number: 0931814266
Postal address: Wetenschapsstraat 33
Town: Brussel
Postcode: 1040
Country subdivision (NUTS): Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad (BE100)
Country: Belgium
Email: info@raadvanstate.be
Telephone: +32 22349611
Internet address: <http://www.raadvst-consetat.be/>

Roles of this organisation:

Review organisation

Organisation providing more information on the review procedures

8.1. ORG-0003

Official name: 3P - Aanbieder van diensten / Prestataire de services

Registration number: BE 0475.480.736

Town: Antwerpen / Anvers

Postcode: 2000

Country subdivision (NUTS): Arr. Antwerpen (BE211)

Country: Belgium

Email: info@3p.eu

Telephone: +32 3 294 30 51

Roles of this organisation:

Procurement service provider

8.1. ORG-0004

Official name: FPS Policy and Support

Registration number: BE 0671.516.647

Town: Brussels

Postcode: 1000

Country subdivision (NUTS): Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad (BE100)

Country: Belgium

Email: e.proc@publicprocurement.be

Telephone: +32 2 740 80 00

Roles of this organisation:

TED eSender

Notice information

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