

## 147010-2026 - Competition

France – Laboratory, optical and precision equipments (excl. glasses) – Chambres à vide NEG pour SOLEIL II

OJ S 43/2026 03/03/2026

Contract or concession notice – standard regime

Supplies

### 1. Buyer

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#### 1.1. Buyer

Official name: SYNCHROTRON SOLEIL

Email: [achats@synchrotron-soleil.fr](mailto:achats@synchrotron-soleil.fr)

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: General public services

### 2. Procedure

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#### 2.1. Procedure

Title: Chambres à vide NEG pour SOLEIL II

Description: Dans le cadre de l'Upgrade « SOLEIL II », le Synchrotron SOLEIL situé à Saint-Aubin (91) lance un appel à candidature (procédure avec négociation) pour la fourniture de chambres à vide avec dépôts de Non-Evaporable Getter (NEG) destinées à l'anneau de stockage. Le vide du futur anneau de stockage sera obtenu grâce à une combinaison d'un système de pompage de type cartouche NEG avec pompage ionique intégré et de chambres à vide avec dépôt NEG activé préalablement entre 180°C et 230°C en TiZrV de 0,5 µm d'épaisseur appliqué sur plus de 90 % de leur surface interne. La circonférence de l'anneau de stockage est de 354 mètres. Les chambres concernées par cet appel à candidature représentent environ 80 % de la longueur totale des secteurs vides et des sections droites de l'anneau de stockage (phase I de SOLEIL II). Les chambres à vide devront être intégrées dans un environnement mécanique très contraint, caractérisé par une forte densité d'éléments magnétiques, imposant des tolérances mécaniques de l'ordre de quelques dixièmes de millimètre. Les diamètres intérieurs caractéristiques seront compris entre 12 mm et 16 mm, pour des longueurs comprises entre 500 mm et 2 000 mm. Les chambres à vide devront assurer la dissipation de la puissance photonique incidente et seront fabriquées exclusivement en alliages de cuivre de type CuCrZr et OFS. Elles seront refroidies par circulation d'eau et raccordées par des brides UHV de type MO ou CF. Après activation du dépôt NEG, le vide devra être inférieur à  $5 \times 10^{-10}$  mbar sans dispositif de pompage supplémentaire. Les performances de pompage du revêtement NEG devront être conformes aux valeurs de référence de la littérature (en vitesse de pompage et capacité de sorption). Le marché sera alloté en 5 lots correspondant aux différentes familles de chambres à vide, pour un volume total d'environ 160 chambres. Les candidats pourront répondre à un ou plusieurs lots. La procédure avec négociation se déroulera en deux phases successives : Phase 1 : Sélection des Candidatures, Phase 2 : Remise d'un dossier « offre » par les candidats sélectionnés. Les candidats devront justifier d'une expertise forte en UHV et d'une maîtrise des technologies de fabrication de chambres à vide UHV et de dépôts NEG pour les accélérateurs de particules.

Procedure identifier: 9344d122-9100-4eb9-9261-844c563f350c

Internal identifier: 2026-011-PG

Type of procedure: Negotiated with prior publication of a call for competition / competitive with negotiation

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): Essonne (FR104)

Country: France

#### **2.1.4. General information**

Additional information: Clause de réexamen qui sera introduite dans le RC phase offres

##### **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: 5

##### **Terms of contract:**

Maximum number of lots for which contracts can be awarded to one tenderer: 5

#### **2.1.6. Grounds for exclusion**

Sources of grounds for exclusion: Procurement Document

## **5. Lot**

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### **5.1. Lot: LOT-0001**

Title: LOT 1 : Chambres à vide "Keyhole et BPM intégré"

Description: Chambres à vide "Keyhole et BPM intégré" (15 chambres en 5 familles) Des chambres à vide de rechange seront ajoutées dans chacun de ces lots.

#### **5.1.1. Purpose**

Main nature of the contract: Supplies

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

#### **5.1.2. Place of performance**

Country subdivision (NUTS): Essonne (FR104)

Country: France

#### **5.1.3. Estimated duration**

Duration: 28 Months

#### **5.1.6. General information**

##### **Reserved participation:**

Participation is not reserved.

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: Procurement Document

**Information about the second stage of a two-stage procedure:**

Minimum number of candidates to be invited for the second stage of the procedure: 3

Maximum number of candidates to be invited for the second stage of the procedure: 5

The procedure will take place in successive stages. At each stage, some participants may be eliminated

**5.1.10. Award criteria**

Description of the method to be used if weighting cannot be expressed by criteria: Voir règlement de consultation des candidatures

**5.1.11. Procurement documents**

Access to certain procurement documents is restricted

Information about restricted documents is available at: <https://www.marches-publics.gouv.fr/?page=Entreprise.EntrepriseAdvancedSearch&AllCons&id=2952178&orgAcronyme=s2d>

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

Electronic submission: Required

Address for submission: <https://www.marches-publics.gouv.fr/>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of requests to participate: 07/04/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

**Terms of contract:**

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

Electronic invoicing: Not allowed

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: Tribunal de Grande Instance d'Evry

Information about review deadlines: délais réglementaires

**5.1. Lot: LOT-0002**

Title: LOT 2 : Chambres à vide "Cintrée"

Description: Chambres à vide "Cintrée" (57 chambres en 4 familles) Des chambres à vide de rechange seront ajoutées dans chacun de ces lots.

**5.1.1. Purpose**

Main nature of the contract: Supplies

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

**5.1.2. Place of performance**

Country subdivision (NUTS): Essonne (FR104)

Country: France

**5.1.3. Estimated duration**

Duration: 28 Months

**5.1.6. General information**

**Reserved participation:**

Participation is not reserved.

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: Procurement Document

**Information about the second stage of a two-stage procedure:**

Minimum number of candidates to be invited for the second stage of the procedure: 3

Maximum number of candidates to be invited for the second stage of the procedure: 5

The procedure will take place in successive stages. At each stage, some participants may be eliminated

**5.1.10. Award criteria**

Description of the method to be used if weighting cannot be expressed by criteria: Voir règlement de consultation des candidatures

**5.1.11. Procurement documents**

Access to certain procurement documents is restricted

Information about restricted documents is available at: <https://www.marches-publics.gouv.fr/?page=Entreprise.EntrepriseAdvancedSearch&AllCons&id=2952178&orgAcronyme=s2d>

**5.1.12. Terms of procurement**

**Terms of submission:**

Electronic submission: Required

Address for submission: <https://www.marches-publics.gouv.fr/>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of requests to participate: 07/04/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

**Terms of contract:**

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

Electronic invoicing: Not allowed

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: Tribunal de Grande Instance d'Evry

Information about review deadlines: délais réglementaires

### 5.1. Lot: LOT-0003

Title: LOT 3 : Chambres à vide "Cintrée DNC"

Description: Chambres à vide "Cintrée DNC" (20 chambres en 8 familles) Des chambres à vide de rechange seront ajoutées dans chacun de ces lots.

#### 5.1.1. Purpose

Main nature of the contract: Supplies

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

#### 5.1.2. Place of performance

Country subdivision (NUTS): Essonne (FR104)

Country: France

#### 5.1.3. Estimated duration

Duration: 28 Months

#### 5.1.6. General information

##### Reserved participation:

Participation is not reserved.

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: Procurement Document

##### Information about the second stage of a two-stage procedure:

Minimum number of candidates to be invited for the second stage of the procedure: 3

Maximum number of candidates to be invited for the second stage of the procedure: 5

The procedure will take place in successive stages. At each stage, some participants may be eliminated

#### 5.1.10. Award criteria

Description of the method to be used if weighting cannot be expressed by criteria: Voir règlement de consultation des candidatures

#### 5.1.11. Procurement documents

Access to certain procurement documents is restricted

Information about restricted documents is available at: <https://www.marches-publics.gouv.fr/?page=Entreprise.EntrepriseAdvancedSearch&AllCons&id=2952178&orgAcronyme=s2d>

#### 5.1.12. Terms of procurement

##### Terms of submission:

Electronic submission: Required

Address for submission: <https://www.marches-publics.gouv.fr/>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of requests to participate: 07/04/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

##### Terms of contract:

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

Electronic invoicing: Not allowed  
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: Tribunal de Grande Instance d'Evry

Information about review deadlines: délais réglementaires

**5.1. Lot: LOT-0004**

Title: LOT 4 : Chambres à vide "Matching"

Description: Chambres à vide "Matching" (35 chambres en 8 familles) Des chambres à vide de rechange seront ajoutées dans chacun de ces lots.

**5.1.1. Purpose**

Main nature of the contract: Supplies

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

**5.1.2. Place of performance**

Country subdivision (NUTS): Essonne (FR104)

Country: France

**5.1.3. Estimated duration**

Duration: 28 Months

**5.1.6. General information**

**Reserved participation:**

Participation is not reserved.

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: Procurement Document

**Information about the second stage of a two-stage procedure:**

Minimum number of candidates to be invited for the second stage of the procedure: 3

Maximum number of candidates to be invited for the second stage of the procedure: 5

The procedure will take place in successive stages. At each stage, some participants may be eliminated

**5.1.10. Award criteria**

Description of the method to be used if weighting cannot be expressed by criteria: Voir règlement de consultation des candidatures

**5.1.11. Procurement documents**

Access to certain procurement documents is restricted

Information about restricted documents is available at: <https://www.marches-publics.gouv.fr/?page=Entreprise.EntrepriseAdvancedSearch&AllCons&id=2952178&orgAcronyme=s2d>

#### **5.1.12. Terms of procurement**

##### **Terms of submission:**

Electronic submission: Required

Address for submission: <https://www.marches-publics.gouv.fr/>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of requests to participate: 07/04/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

##### **Terms of contract:**

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

Electronic invoicing: Not allowed

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: Tribunal de Grande Instance d'Evry

Information about review deadlines: délais réglementaires

#### **5.1. Lot: LOT-0005**

Title: LOT 5 : Chambres à vide "Section Droite"

Description: Chambres à vide "Matching" (8 chambres en 4 familles) Des chambres à vide de rechange seront ajoutées dans chacun de ces lots.

##### **5.1.1. Purpose**

Main nature of the contract: Supplies

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

##### **5.1.2. Place of performance**

Country subdivision (NUTS): Essonne (FR104)

Country: France

##### **5.1.3. Estimated duration**

Duration: 28 Months

##### **5.1.6. General information**

###### **Reserved participation:**

Participation is not reserved.

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: Procurement Document

###### **Information about the second stage of a two-stage procedure:**

Minimum number of candidates to be invited for the second stage of the procedure: 3

Maximum number of candidates to be invited for the second stage of the procedure: 5  
The procedure will take place in successive stages. At each stage, some participants may be eliminated

**5.1.10. Award criteria**

Description of the method to be used if weighting cannot be expressed by criteria: Voir règlement de consultation des candidatures

**5.1.11. Procurement documents**

Access to certain procurement documents is restricted

Information about restricted documents is available at: <https://www.marches-publics.gouv.fr/?page=Entreprise.EntrepriseAdvancedSearch&AllCons&id=2952178&orgAcronyme=s2d>

**5.1.12. Terms of procurement**

**Terms of submission:**

Electronic submission: Required

Address for submission: <https://www.marches-publics.gouv.fr/>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Deadline for receipt of requests to participate: 07/04/2026 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

**Terms of contract:**

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

Electronic invoicing: Not allowed

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: Tribunal de Grande Instance d'Evry

Information about review deadlines: délais réglementaires

## 8. Organisations

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**8.1. ORG-0001**

Official name: SYNCHROTRON SOLEIL

Registration number: 43968490300016

Postal address: L'Orme des Merisiers - Départementale 128

Town: SAINT-AUBIN

Postcode: 91190

Country subdivision (NUTS): Essonne (FR104)

Country: France

Email: [achats@synchrotron-soleil.fr](mailto:achats@synchrotron-soleil.fr)

Telephone: 0169359191

Internet address: <https://www.synchrotron-soleil.fr/fr>



Buyer profile: <https://www.marches-publics.gouv.fr/>

**Roles of this organisation:**

Buyer

**8.1. ORG-0002**

Official name: Tribunal de Grande Instance d'Evry

Registration number: 17780111100518

Postal address: 8 rue des mazieres

Town: Evry

Postcode: 91012

Country subdivision (NUTS): Essonne (FR104)

Country: France

Email: [tj1-evry@justice.fr](mailto:tj1-evry@justice.fr)

Telephone: 0160767800

Internet address: <https://www.justice.gouv.fr/>

**Roles of this organisation:**

Review organisation

## Notice information

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Notice type: Contract or concession notice – standard regime

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