

351519-2026 - Iomaíocht

An Eilvéis – Laboratory, optical and precision equipments (excl. glasses) – Multitube thermal processing furnace (MTPF) for oxidation and LPCVD at the PSI PICO cleanroom

OJ S 98/2026 22/05/2026

Fógra maidir le conradh nó lamháltas — an gnáthchóras - Fógra maidir le hathrú Soláthairtí

1. Ceannaitheoir

1.1. Ceannaitheoir

Ainm oifigiúil: Paul Scherrer Institut (PSI)

R-phost: publictenders@psi.ch

Cineál dlíthiúil an cheannaitheora: Comhlacht dlí phoiblí

Gníomhaíocht an údaráis chonarthaigh: Oideachas

2. Nós imeachta

2.1. Nós imeachta

Teideal: Multitube thermal processing furnace (MTPF) for oxidation and LPCVD at the PSI PICO cleanroom

Cur síos: The equipment to be procured is a multitube thermal processing furnace (MTPF) essential for the deposition of materials for quantum, photonic and x-ray applications of the groups at the LNQ and LXN laboratories and for all PSI cleanroom users. The MTPF should have a horizontal arrangement of the tubes and should be capable to process in one load up to 50 wafers of 200 mm diameter with good within-wafer, wafer-to-wafer and batch-to-batch uniformity. The MTPF should have an automation option allowing to process, at least, 4 wafer batches of 50 wafers in the same or different tubes one after the other without the presence of operator. The MTPF shall be delivered with four 200 mm compatible tubes: – Tube 1: atmospheric thermal dry and wet oxidation (quartz tube up to 1050°C; optional SiC tube up to 1250°C); – Tube 2: LPCVD stoichiometric Si₃N₄ layers for photonic applications and low-stress SiN_x layers for membrane fabrication; – Tube 3: LPCVD TEOS-based SiO₂ layers; – Tube 4: LPCVD polycrystalline and amorphous Si. The MTPF shall be installed through the wall, with the loading station on the cleanroom side and the remaining equipment (furnaces, electronic racks, gas cabinets, pumps and related infrastructure) on the gray room side. It shall be capable of 24/7 operation with a guaranteed uptime of at least 90% and a minimum 2-year warranty.

Aitheantóir an nós imeachta: d74d9614-7dfe-4e07-a231-9f9897b42fc7

An cineál nós imeachta: Oscailte

Tá an nós imeachta á bhrostú: níl

2.1.1. Cuspóir

Cineál an chonartha: Soláthairtí

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

2.1.2. An áit feidhmíochta

Baile: Villigen PSI

Cód poist: 5232

Foroinn tíre (NUTS): Aargau (CH033)

Tír: An Eilvéis

2.1.4. Eolas ginearálta

Eolas breise: Other requirements The bidder must confirm acceptance of the terms of business and the essential requirements in writing. The contractor shall award this contract only to bidders who comply with the conditions stipulated in the tender documents and the legislation, in particular occupational health and safety regulations, rules on working conditions, equal pay regulations, as well as environmental law, competition law and anti-corruption provisions.

Bunús dlí:

Treoir 2014/24/AE

2.1.6. Forais eisiaimh

Foinse na gcúiseanna eisiúna: Doiciméad Soláthair

5. Luchtóg

5.1. Luchtóg: LOT-0000

Teideal: Multitube thermal processing furnace (MTPF) for oxidation and LPCVD at the PSI PICO cleanroom

Cur síos: The equipment to be procured is a multitube thermal processing furnace (MTPF) essential for the deposition of materials for quantum, photonic and x-ray applications of the groups at the LNQ and LXN laboratories and for all PSI cleanroom users. The MTPF should have a horizontal arrangement of the tubes and should be capable to process in one load up to 50 wafers of 200 mm diameter with good within-wafer, wafer-to-wafer and batch-to-batch uniformity. The MTPF should have an automation option allowing to process, at least, 4 wafer batches of 50 wafers in the same or different tubes one after the other without the presence of operator. The MTPF shall be delivered with four 200 mm compatible tubes: – Tube 1: atmospheric thermal dry and wet oxidation (quartz tube up to 1050°C; optional SiC tube up to 1250°C); – Tube 2: LPCVD stoichiometric Si₃N₄ layers for photonic applications and low-stress SiN_x layers for membrane fabrication; – Tube 3: LPCVD TEOS-based SiO₂ layers; – Tube 4: LPCVD polycrystalline and amorphous Si. The MTPF shall be installed through the wall, with the loading station on the cleanroom side and the remaining equipment (furnaces, electronic racks, gas cabinets, pumps and related infrastructure) on the gray room side. It shall be capable of 24/7 operation with a guaranteed uptime of at least 90% and a minimum 2-year warranty.

5.1.1. Cuspóir

Cineál an chonartha: Soláthairtí

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

Roghanna:

Cur síos ar na roghanna: According specification PSI-PICO-JK67-001 Rev.2.0 chapter 1.5.3

5.1.2. An áit feidhmíochta

Baile: Villigen PSI

Cód poist: 5232

Forinn tíre (NUTS): Aargau (CH033)

Tír: An Eilvéis

5.1.3. Fad measta

Fad ama eile: Anaithnid

5.1.4. Athnuachan

5.1.6. Eolas ginearálta

Rannpháirtíocht fhorchoimeáda:

Ní fhorchoimeádtar an rannpháirtíocht.

Ní mór ainmneacha agus cáilíochtaí gairmiúla na mball foirne a thabhairt a shanntar chun an conradh a chomhlíonadh: Ní fios go fóill

Tionscadal soláthair nach maoinítear le cistí an Aontais

Tá an soláthar cumhdaithe ag an gComhaontú maidir le Soláthar Rialtais (GPA): tá

5.1.9. Critéir roghnúcháin

Foinse na gcritéir roghnaithe: Doiciméad Soláthair

5.1.10. Critéir dhámhachtana

Critéar:

Cineál: Cáilíocht

Cur síos: Award criteria

Cur síos ar an modh atá le húsáid mura féidir an t-ualú a léiriú le critéir: The award criteria are defined in the documentation.

5.1.11. Doiciméid soláthair

Tá srian ar rochtain ar dhoiciméid soláthair áirithe

Tá eolas faoi dhoiciméid shrianta le fáil ag: <https://www.simap.ch/en/redirect?context=eyJwYWdlIjoicHJvamVjdCIsInJvbGUlOm51bGwslm9yZ0kljpuWxslCJwcm9qZWNO0SWQ>

Cainéal cumarsáide ad hoc:

Ainm: Simap.ch

5.1.12. Téarmaí soláthair

Téarmaí na haighneachta:

Cur isteach leictreonach: Ceadmhach

Seoladh an chur isteach: <https://www.simap.ch/en/redirect?context=eyJwYWdlIjoicHJvamVjdCIsInJvbGUlOm51bGwslm9yZ0kljpuWxslCJwcm9qZWNO0SWQ>

Na teangacha inar féidir tairiscintí nó iarrataí ar rannpháirtíocht a chur isteach: Béarla

Catalóg leictreonach: Ní ceadmhach

Leaganacha malartacha: Ceadmhach

Féadfaidh tairgeoirí níos mó ná tairiscint amháin a chur isteach: Ní ceadmhach

Spriocdháta chun tairiscintí a fháil: 20/07/2026 14:00:00 (UTC+02:00) Am Oirthear na hEorpa, Am Samhraidh Lár na hEorpa

An tréimhse le linn a gcaithfidh an tairiscint a bheith bailí: 120 Laethanta

Téarmaí an chonartha:

Ní mór an conradh a chur i gcrích faoi chuimsiú clár fostaíochta dídeanaí: Ní fios go fóill

Coinníollacha a bhaineann le comhlíonadh an chonartha: Further details in the official publication on simap.ch

Sonrascú leictreonach: Éigeantach

Úsáidfear ordú leictreonach: níl

Úsáidfear íocaíocht leictreonach: tá

Socrú airgeadais: Further details in the official publication on simap.ch

5.1.15. Teicnící

Creat-chomhaontú:

Níl feidhm ag creat-chomhaontú

Eolas faoin gcóras ceannaigh dinimiciúil:

Níl feidhm ag córas ceannaigh dinimiciúil

5.1.16. Tuilleadh eolais, idirghabháil agus athbhreithniú

Eagraíocht athbhreithniúcháin: Tribunal administratif fédéral

Eolas faoi spriocdhátaí athbhreithnithe: Instructions on legal remedies In accordance with Article 56 paragraph 1 of the Public Procurement Act (PPA), a written appeal against this decision can be lodged with the Federal Administrative Court, P.O. Box, 9023 St. Gallen, Switzerland, within 20 days of notification. Any appeal is to be submitted in duplicate and must include what is being sought, the grounds for appeal, evidence and the signature of the person lodging the appeal or his or her representative. A copy of this decision and available evidence must be included. The provisions of the Administrative Procedure Act (APA) on legal holidays do not apply in accordance with Article 56 paragraph 2 of the PPA.

Eagraíocht a sholáthraíonn faisnéis bhreise faoin nós imeachta soláthair: Paul Scherrer Institut (PSI)

8. Eagraíochtaí

8.1. ORG-0001

Ainm oifigiúil: Paul Scherrer Institut (PSI)

Uimhir chlárúcháin: f4721657-d1c4-47f0-8a74-0f469b30c505

Seoladh poist: Forschungsstrasse 111

Baile: Villigen PSI

Cód poist: 5232

Foroinn tíre (NUTS): Aargau (CH033)

Tír: An Eilvéis

R-phost: publictenders@psi.ch

Teil.: +41563102111

Seoladh idirlín: <https://www.psi.ch>

Róil na heagraíochta seo:

Ceannaitheoir

Eagraíocht a sholáthraíonn faisnéis bhreise faoin nós imeachta soláthair

8.1. ORG-0002

Ainm oifigiúil: Tribunal administratif fédéral

Uimhir chlárúcháin: BVGER

Seoladh poist: Postfach

Baile: St. Gallen

Cód poist: 9023

Foroinn tíre (NUTS): St. Gallen (CH055)

Tír: An Eilvéis

R-phost: info@bvger.admin.ch

Teil.: +41584652626

Seoladh idirlín: <https://www.bvger.ch>

Róil na heagraíochta seo:

Eagraíocht athbhreithniúcháin

8.1. ORG-0003

Ainm oifigiúil: Simap.ch

Uimhir chlárúcháin: CH001

Seoladh poist: Holzikofenweg 36

Baile: Bern

Cód poist: 3003
Foroinn tíre (NUTS): Bern / Berne (CH021)
Tír: An Eilvéis
R-phost: support@simap.ch
Teil.: +41584646388
Seoladh idirlín: <https://www.simap.ch>
Róil na heagraíochta seo:
TED eSender

10. Athraigh

Leagan den fhógra roimhe seo atá le hathrú
:
324bdbea-b2b3-449e-b67c-ad6f1294fd5c-01
An phríomhchúis leis an athrú
:
Faisnéis nuashonraithe

10.1. Athraigh

Aitheantóir rannáin: PROCEDURE

Aitheantóir rannáin: LOT-0000

Cur síos ar na hathruithe: Please note the updated dates and documents: All changes are listed on the last 3 pages of the Requirements specification PSI-PICO-JK67-001 Rev. 2.0. All changed documents are available in the file: "Rev. 2.0 documents.zip" The deadline for proof of eligibility criteria for 'STEP 1' changed to 03.06.2026.

Eolas faoin bhfógra

Aitheantóir/leagan an fhógra: f94c5f23-32c4-4d88-8296-607fb8c4b7bc - 01
Cineál na foirme: lomaíocht
Cineál an fhógra: Fógra maidir le conradh nó lamháltas — an gnáthchóras
Fochineál an fhógra: 16
Dáta seolta an fhógra: 21/05/2026 02:26:00 (UTC+02:00) Am Oirthear na hEorpa, Am Samhraidh Lár na hEorpa
Na teangacha ina bhfuil an fógra seo ar fáil go hoifigiúil: Béarla, Gearmáinis, Fraincis
Uimhir foilseacháin an fhógra: 351519-2026
Uimhir eagráin IO S: 98/2026
Dáta foilsithe: 22/05/2026