

357513-2026 - Kompetizzjoni

Il-Ġermanja – Lasers – Photocathode Laser System

OJ S 99/2026 26/05/2026

Avviż tal-kuntratt jew tal-konċessjoni – reġim standard

Provvisti

1. Xerrej

1.1. Xerrej

Isem uffiċjali: Helmholtz-Zentrum Dresden-Rossendorf e.V.

Email: dm-vergabe@hzdr.de

Tip legali tax-xerrej: Impriża pubblika, ikkontrollata minn awtorità tal-gvern ċentrali

Attività tal-awtorità kontraenti: Edukazzjoni

2. Proċedura

2.1. Proċedura

Titlu: Photocathode Laser System

Deskrizzjoni: Delivery, installation and commissioning of a Photocathode Laser System

Identifikatur tal-proċedura: 8ad3f151-58e7-4a71-ac17-6ff2a9069463

Identifikatur intern: EUOV2607

Tip ta' proċedura: Miftuħa

Il-proċedura hija aċċellerata: le

2.1.1. Għan

Natura tal-kuntratt: Provvisti

Klassifikazzjoni prinċipali (cpv): 38636100 Lasers

2.1.2. Post tal-prestazzjoni

Indirizz postali: Bautzner Landstraße 400

Belt: Dresden

Kodiċi postali: 01328

Sottodivizjoni tal-pajjiż (NUTS): Dresden, Kreisfreie Stadt (DED21)

Pajjiż: Il-Ġermanja

2.1.4. Informazzjoni ġenerali

Bażi legali:

Direttiva 2014/24/UE

vgv -

2.1.6. Raġunijiet għall-esklużjoni

Sors tal-motivi għall-eżklużjoni: Avviż, Dokument tal-Akkwist

Ksur tal-obbligi stabbiliti skont raġunijiet ta' esklużjoni purament nazzjonali: The statutory exclusion requirements pursuant to Sections 123 to 126 of the German Act against Restraint of Trade (GWB) and the 5th EU Sanctions Package (RUS sanctions) apply. To this end, the self-declarations 'No grounds for exclusion' and 'RUS sanctions' attached to the tender documents must be completed and submitted as part of the tender.

5. Lott

5.1. Lott: LOT-0000

Titlu: Photocathode Laser System

Deskrizzjoni: Helmholtz-Zentrum Dresden-Rossendorf (HZDR) has been working on the development of a superconducting electron source (SRF gun) for about 20 years. An integral part of this electron source is a photocathode laser which, in combination with a photocathode, uses the external photoelectric effect to generate electron pulses. These pulses are then accelerated by the electric field of the superconducting RF resonator. The required laser wavelength for this purpose is about 260 nm, while the aimed pulse energy at this wavelength is 5 μ J. Detailed requirements in the table below (2. Performance quote) are specified separately for the fundamental wavelength in infrared (IR) and the 4th harmonic in ultraviolet (UV). Pulse repetition rate shall be flexible and reach 2 MHz. The average power in UV has to reach at least 1 W. Laser pulse duration is a key optimization parameter that needs to be variable in the range of 0.3-10 ps FWHM. Moreover, the temporal (longitudinal) profile of the laser pulse overall is important for properties of the generated electron pulse and thus also needs to be adjustable. For this, a spatial light modulator for modifying the spectrum needs to be integrated in the offered system. It is desirable that the manufacturer finds settings of the spectral shaper that result in a flat-top temporal shape of the UV pulse. Given that the temporal shape of a chirped pulse is critical in the planned application, spectral smoothness, stability and absence of long wings or shoulders are of high importance. Spectrum distortions caused by nonlinear effects shall be insignificant even at the maximum required pulse energy. Ability to synchronize the oscillators' repetition rate to a radio-frequency (RF) reference signal is necessary. Achievable integrated time jitter in the range between 10 Hz and 1 MHz of the laser with respect to the reference shall not exceed 100 fs. However, synchronization electronics are not part of the current tender and will be obtained from another source. The oscillator needs to be prepared for repetition rate locking, i.e. contain a short-range and a long-range actuators for fine adjustment of the cavity length. Another aspect of synchronization is the ability to control the repetition rate and the emission time of the laser by an external trigger signal. This ability needs to be available. Reliability and permanent availability (24/7) are of particular importance. The system will be located in an optical laboratory with $\pm 1^\circ\text{C}$ temperature stability. Beside the fulfilment of the criteria described in annex 01A, the scope of deliveries and services includes, that means are to be offered in the quotation: • Factory Acceptance Test (FAT), with proof of fulfilment of the performance requirements • Delivery according to DDP (Incoterms 2010) to the place of usage • Installation und commissioning including On-Site Acceptance Test (OSAT), with proof of fulfilment of the performance requirements • 12 months warranty from OSAT • CE marking • complete manual in English • suitable "water-to-water chiller"

Identifikatur intern: LOT-0000

5.1.1. Għan

Natura tal-kuntratt: Provvisti

Klassifikazzjoni prinċipali (cpv): 38636100 Lasers

5.1.3. Tul ta' żmien stmat

Data tal-bidu: 14/08/2026

Data tat-tmiem tad-durata: 31/01/2027

5.1.6. Informazzjoni ġenerali

Parteċipazzjoni riżervata:

Il-parteċipazzjoni mhijiex riżervata.

Iridu jingħataw l-ismijiet u l-kwalifiki professjonali tal-istaff assenjat biex iwettaq il-kuntratt: Ma hemmx għalfejn tingħata
Proġett ta' akkwist mhux iffinanzjat mill-Fondi tal-UE
L-akkwist huwa kopert mill-Ftehim dwar l-Akkwisti Pubbliċi (GPA): iva
Dan l-akkwist huwa adattat ukoll għall-intrapriżi żgħira u ta' daqs medju (SMEs): le

5.1.7. Akkwist strateġiku

Għan tal-akkwist strateġiku: Ebda akkwist strateġiku

5.1.9. Kriterji tal-għażla

Sors tal-kriterji ta' għażla: Avviż, Dokument tal-Akkwist

Kriterju: Reġistrazzjoni f'reġistru professjonali rilevanti

Deskrizzjoni tal-kriterju ta' selezzjoni: Declaration about the registration within a professional or trade register as prescribed by the legal provisions of the state where the bidder is based (see annex '01B_Self Declaration_Non-existence Reasons for Exclusion_EUOV2607')

Kriterju: Reġistrazzjoni f'reġistru tal-kummerċ

Deskrizzjoni tal-kriterju ta' selezzjoni: Declaration about the registration within a professional or trade register as prescribed by the legal provisions of the state where the bidder is based (see annex '01B_Self Declaration_Non-existence Reasons for Exclusion_EUOV2607')

5.1.10. Kriterji tal-għoti

Kriterju:

Tip: Kwalità

Isem: Performance

Deskrizzjoni: Criteria according to annex 01A

Kategorija tal-kriterju tal-għoti piż: Fattur ta' ponderazzjoni (persentaġġ, eżatt)

Numru tal-kriterju għall-għoti: 50

Kriterju:

Tip: Prezz

Isem: Preis

Deskrizzjoni: Evaluation price in accordance with annex 01A.

Kategorija tal-kriterju tal-għoti piż: Fattur ta' ponderazzjoni (persentaġġ, eżatt)

Numru tal-kriterju għall-għoti: 50

5.1.11. Dokumenti tal-akkwist

Lingwi li bihom id-dokumenti tal-akkwist huma disponibbli uffiċjalment: Ingliż, Ġermaniż

Indirizz tad-dokumenti tal-akkwist: <https://www.tender24.de/NetServer>

[/TenderingProcedureDetails?function=_Details&TenderOID=54321-Tender-19e4a84c1b5-d461b5d7c687ce9](https://www.tender24.de/TenderingProcedureDetails?function=_Details&TenderOID=54321-Tender-19e4a84c1b5-d461b5d7c687ce9)

5.1.12. Termini tal-akkwist

Termini tas-sottomissjoni:

Sottomissjoni elettronika: Permessja

Indirizz għas-sottomissjoni: <https://www.tender24.de>

Lingwi li bihom jistgħu jiġu sottomessi offerti jew talbiet għall-parteciġazzjoni: Ingliż, Ġermaniż

Katalogu elettroniku: Mhux permessa

Varjanti: Mhux permessa

L-offerenti jistgħu jifgħu aktar minn offerta waħda: Mhux permessa

Skadenza biex jintlaqgħu l-offerti: 23/06/2026 12:00:00 (UTC+02:00) Hin tal-Ewropa tal-Lvant, Hin tas-sajf tal-Ewropa Ċentrali

Perjodu waqt li l-offerta għandha tibqa' valida: 59 Jiem

Informazzjoni li tista' tiġi ssupplimentata wara l-iskadenza għas-sottomissjoni:

Fid-diskrezzjoni tax-xerrej, id-dokumenti kollha neqsin relatati mal-offerent jistgħu jiġu ppreżentati aktar tard.

Informazzjoni addizzjonali: In accordance with legal requirements from Procurement Ordinance (VgV).

Informazzjoni dwar il-ftuħ pubbliku:

Data tal-ftuħ: 23/06/2026 12:03:00 (UTC+02:00) Fin tal-Ewropa tal-Lvant, Fin tas-sajf tal-Ewropa Ċentrali

Termini tal-kuntratt:

L-eżekuzzjoni tal-kuntratt għandha titwettaq fil-qafas ta' programmi ta' impjegi protetti: Le

Fatturazzjoni elettronika: Permissa

Se tintuża l-ordni elettronika: le

Se jintuża l-pagament elettroniku: le

5.1.15. Tekniki

Ftehim qafas:

Ebda ftehim ta' qafas

Informazzjoni dwar is-sistema dinamika tax-xiri:

Ebda sistema dinamika ta' xiri

5.1.16. Aktar informazzjoni, medjazzjoni u rieżami

Organizzazzjoni tar-rieżami: Vergabekammer des Bundes

Informazzjoni dwar l-iskadenzi tar-rieżami: Legal remedies pursuant to Section 160 GWB: 1)

The public procurement chamber shall only initiate a review procedure upon application; 2)

Any company that has an interest in the public contract or concession is authorized to apply

and asserts an infringement of its rights pursuant to Section 97 (6) GWB due to non-

compliance with procurement regulations. It must be shown that the company has suffered or is at risk of suffering damage as a result of the alleged breach of the procurement regulations;

3) The application is inadmissible if: (1) The applicant has recognized the alleged breach of procurement regulations before submitting the application for review and has not notified the contracting authority of this within a period of 10 calendar days; the expiry of the deadline

pursuant to Section 134 (2) GWB remains unaffected, (2) violations of procurement

regulations that are recognizable on the basis of the contract notice are not notified to the contracting authority by the expiry of the deadline for application or submission of tenders

specified in the contract notice at the latest, (3) violations of procurement regulations that are

only recognizable in the procurement documents are not notified to the contracting authority by

the expiry of the deadline for application or submission of tenders at the latest, (4) more than

15 calendar days have passed since receipt of the notification from the contracting authority

that it does not intend to remedy a complaint. Sentence 1 shall not apply to an application for a

declaration of invalidity of the contract pursuant to Section 135 (1) No. 2.

Organizzazzjoni li tipprovdi informazzjoni addizzjonali dwar il-proċedura tal-akkwist: Helmholtz-Zentrum Dresden-Rossendorf e.V.

Organizzazzjoni li tipprovdi iktar informazzjoni dwar proċeduri tar-rieżami: Vergabekammer des Bundes

8. Organizzazzjonijiet

8.1. ORG-7001

Isem uffiċjali: Helmholtz-Zentrum Dresden-Rossendorf e.V.

Numru tar-registrazzjoni: 992-80200-35

Indirizz postali: Bautzner Landstraße 400
Belt: Dresden
Kodiċi postali: 01328
Sottodivizjoni tal-pajjiż (NUTS): Dresden, Kreisfreie Stadt (DED21)
Pajjiż: Il-Ġermanja
Punt ta' kuntatt: Abteilung Vergabe- und Beschaffungswesen
Email: dm-vergabe@hzdr.de
Telefown: +49 351260-0
Indirizz tal-internet: <https://www.hzdr.de>
Rwoli ta' din l-organizzazzjoni:
Xerrej
Organizzazzjoni li tipprovdi informazzjoni addizzjonali dwar il-proċedura tal-akkwist

8.1. **ORG-7004**

Isem uffiċjali: Vergabekammer des Bundes
Numru tar-registrazzjoni: -
Belt: Bonn
Kodiċi postali: 53113
Sottodivizjoni tal-pajjiż (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Pajjiż: Il-Ġermanja
Email: vk@bundeskartellamt.bund.de
Rwoli ta' din l-organizzazzjoni:
Organizzazzjoni tar-rieżami

8.1. **ORG-7005**

Isem uffiċjali: Vergabekammer des Bundes
Numru tar-registrazzjoni: --
Indirizz postali: Kaiser-Friedrich-Str. 16
Belt: Bonn
Kodiċi postali: 53113
Sottodivizjoni tal-pajjiż (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Pajjiż: Il-Ġermanja
Email: vk@bundeskartellamt.bund.de
Telefown: +49 2289499-0
Fax: +49 2289499-163
Rwoli ta' din l-organizzazzjoni:
Organizzazzjoni li tipprovdi iktar informazzjoni dwar proċeduri tar-rieżami

8.1. **ORG-7006**

Isem uffiċjali: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)
Numru tar-registrazzjoni: 0204:994-DOEVD-83
Belt: Bonn
Kodiċi postali: 53119
Sottodivizjoni tal-pajjiż (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Pajjiż: Il-Ġermanja
Email: noreply.esender_hub@bescha.bund.de
Telefown: +49228996100
Rwoli ta' din l-organizzazzjoni:
TED eSender

Informazzjoni dwar l-avviż

Identifikatur/verżjoni tal-avviż: 46eca47d-04be-4c0c-9203-bbb478b352dd - 01

Tip ta' formola: Kompetizzjoni

Tip ta' avviż: Avviż tal-kuntratt jew tal-konċessjoni – reġim standard

Sottotip tal-avviż: 16

Data ta' meta ntbagħat l-avviż: 21/05/2026 15:05:32 (UTC+02:00) Hin tal-Ewropa tal-Lvant,

Hin tas-sajf tal-Ewropa Ċentrali

Lingwi li bihom dan l-avviż huwa disponibbli ufficjalment: Ġermaniż

Numru tal-pubblikazzjoni tal-avviż: 357513-2026

Numru tal-ħarġa tal-ĠU S: 99/2026

Data tal-pubblikazzjoni: 26/05/2026