

357513-2026 - Nadmetanje

Njemačka – Laseri – Photocathode Laser System

OJ S 99/2026 26/05/2026

Obavijest o nadmetanju ili koncesiji – standardni režim

Roba

1. Kupac

1.1. Kupac

Službeno ime: Helmholtz-Zentrum Dresden-Rossendorf e.V.

E-pošta: dm-vergabe@hzdr.de

Pravni oblik kupca: Javno poduzeće koje nadzire središnje tijelo državne uprave

Djelatnost javnog naručitelja: Obrazovanje

2. Postupak

2.1. Postupak

Naslov: Photocathode Laser System

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

Identifikacijska oznaka postupka: 8ad3f151-58e7-4a71-ac17-6ff2a9069463

Interna identifikacijska oznaka: EUOV2607

Vrsta postupka: Otvoren

Postupak je ubrzan: ne

2.1.1. Svrha

Priroda ugovora: Roba

Glavna klasifikacija (cpv): 38636100 Laseri

2.1.2. Mjesto izvršenja

Poštanska adresa: Bautzner Landstraße 400

Grad: Dresden

Poštanski broj: 01328

Zemlja – podregija (NUTS): Dresden, Kreisfreie Stadt (DED21)

Zemlja: Njemačka

2.1.4. Opće informacije

Pravna osnova:

Direktiva 2014/24/EU

vgv -

2.1.6. Razlozi za isključenje

Izvori razloga za isključenje: Obavijest, Dokumentacija o nabavi

Kršenje obveza utvrđenih na temelju isključivo nacionalnih osnova za isključenje: 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. Grupa

5.1. Grupa: LOT-0000

Naslov: Photocathode Laser System

Opis: 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"

Interna identifikacijska oznaka: LOT-0000

5.1.1. Svrha

Priroda ugovora: Roba

Glavna klasifikacija (cpv): 38636100 Laseri

5.1.3. Očekivano trajanje

Datum početka: 14/08/2026

Datum završetka trajanja: 31/01/2027

5.1.6. Opće informacije

Rezervirano sudjelovanje:

Sudjelovanje nije rezervirano.

Moraju se navesti imena i stručne kvalifikacije osoblja angažiranog za izvršenje ugovora: Nije obvezno

Projekt javne nabave ne financira se sredstvima EU-a

Javna nabava obuhvaćena je Sporazumom o javnoj nabavi (GPA): da

Ova javna nabava prikladna je i za mala i srednja poduzeća (MSP-ovi): ne

5.1.7. Strateška nabava

Cilj strateške nabave: Nema strateške nabave

5.1.9. Kriteriji za odabir

Izvori kriterija odabira: Obavijest, Dokumentacija o nabavi

Kriterij: Upis u relevantni profesionalni registar

Opis kriterija odabira: 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')

Kriterij: Upis u trgovački registar

Opis kriterija odabira: 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. Kriteriji za dodjelu

Kriterij:

Vrsta: Kvaliteta

Naziv: Performance

Opis: Criteria according to annex 01A

Kategorija kriterija za dodjelu težine: Ponder (postotak, točan)

Broj kriterija za dodjelu: 50

Kriterij:

Vrsta: Cijena

Naziv: Preis

Opis: Evaluation price in accordance with annex 01A.

Kategorija kriterija za dodjelu težine: Ponder (postotak, točan)

Broj kriterija za dodjelu: 50

5.1.11. Dokumentacija o nabavi

Jezici na kojima je dokumentacija o nabavi službeno dostupna: engleski, njemački

Adresa dokumentacije o nabavi: https://www.tender24.de/NetServer/TenderingProcedureDetails?function=_Details&TenderOID=54321-Tender-19e4a84c1b5-d461b5d7c687ce9

5.1.12. Uvjeti nabave

Uvjeti podnošenja:

Elektroničko podnošenje: Dopušteno

Adresa za podnošenje: <https://www.tender24.de>

Jezici na kojima se mogu podnijeti ponude ili zahtjevi za sudjelovanje: engleski, njemački

Elektronički katalog: Nije dopušteno

Varijante: Nije dopušteno

Ponuditelji mogu podnijeti više od jedne ponude: Nije dopušteno

Rok za zaprimanje ponuda: 23/06/2026 12:00:00 (UTC+02:00) istočnoeuropsko vrijeme, srednjoeuropsko ljetno vrijeme

Razdoblje tijekom kojeg ponuda mora ostati valjana: 59 Dani

Informacije koje se mogu dopuniti nakon roka za podnošenje:

Ovisno o volji kupca, svi nedostajući dokumenti povezani s ponuditeljem mogu se dostaviti kasnije.

Dodatne informacije: In accordance with legal requirements from Procurement Ordinance (VgV).

Informacije o javnom otvaranju:

Datum otvaranja: 23/06/2026 12:03:00 (UTC+02:00) istočnoeuropsko vrijeme, srednjoeuropsko ljetno vrijeme

Uvjeti ugovora:

Ugovor se mora izvršiti u okviru programa zaštićenih radnih mjesta: Ne

Elektroničko izdavanje računa: Dopušteno

Naručivanje će biti elektroničko: ne

Plaćanje će biti elektroničko: ne

5.1.15. Tehnike**Okvirni sporazum:**

Nema okvirnog sporazuma

Informacije o dinamičkom sustavu nabave:

Nema dinamičkog sustava nabave

5.1.16. Dodatne informacije, posredovanje i pravna zaštita (preispitivanje)

Organizacija za preispitivanje (pravnu zaštitu): Vergabekammer des Bundes

Informacije o rokovima za preispitivanje: 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.

Organizacija koja pruža dodatne informacije o postupku javne nabave: Helmholtz-Zentrum Dresden-Rossendorf e.V.

Organizacija koja pruža više informacija o postupcima preispitivanja (pravne zaštite): Vergabekammer des Bundes

8. Organizacije**8.1. ORG-7001**

Službeno ime: Helmholtz-Zentrum Dresden-Rossendorf e.V.

Registracijski broj: 992-80200-35

Poštanska adresa: Bautzner Landstraße 400
Grad: Dresden
Poštanski broj: 01328
Zemlja – podregija (NUTS): Dresden, Kreisfreie Stadt (DED21)
Zemlja: Njemačka
Kontaktna točka: Abteilung Vergabe- und Beschaffungswesen
E-pošta: dm-vergabe@hzdr.de
Tel.: +49 351260-0
Internet: <https://www.hzdr.de>
Uloge ove organizacije:
Kupac
Organizacija koja pruža dodatne informacije o postupku javne nabave

8.1. ORG-7004

Službeno ime: Vergabekammer des Bundes
Registracijski broj: -
Grad: Bonn
Poštanski broj: 53113
Zemlja – podregija (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Zemlja: Njemačka
E-pošta: vk@bundeskartellamt.bund.de
Uloge ove organizacije:
Organizacija za preispitivanje (pravnu zaštitu)

8.1. ORG-7005

Službeno ime: Vergabekammer des Bundes
Registracijski broj: --
Poštanska adresa: Kaiser-Friedrich-Str. 16
Grad: Bonn
Poštanski broj: 53113
Zemlja – podregija (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Zemlja: Njemačka
E-pošta: vk@bundeskartellamt.bund.de
Tel.: +49 2289499-0
Faks: +49 2289499-163
Uloge ove organizacije:
Organizacija koja pruža više informacija o postupcima preispitivanja (pravne zaštite)

8.1. ORG-7006

Službeno ime: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)
Registracijski broj: 0204:994-DOEVD-83
Grad: Bonn
Poštanski broj: 53119
Zemlja – podregija (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Zemlja: Njemačka
E-pošta: noreply.esender_hub@bescha.bund.de
Tel.: +49228996100
Uloge ove organizacije:
TED eSender

Informacije o obavijesti

Identifikacijska oznaka / verzija obavijesti: 46eca47d-04be-4c0c-9203-bbb478b352dd - 01

Vrsta obrasca: Nadmetanje

Vrsta obavijesti: Obavijest o nadmetanju ili koncesiji – standardni režim

Podvrsta obavijesti: 16

Datum slanja obavijesti: 21/05/2026 15:05:32 (UTC+02:00) istočnoeuropsko vrijeme,
srednjoeuropsko ljetno vrijeme

Jezici na kojima je ova obavijest službeno dostupna: njemački

Broj objave obavijesti: 357513-2026

Broj izdanja SL S-a: 99/2026

Datum objave: 26/05/2026