

**Finland-Jyväskylä: Lasers**  
**OJ S 251/2020 24/12/2020**  
**Contract notice**  
**Supplies**

**Legal Basis:**

Directive 2014/24/EU

**Section I: Contracting authority**

---

**I.1. Name and addresses**

Official name: University of Jyväskylä  
National registration number: 0245894-7  
Postal address: Seminaarinkatu 15, Jyväskylän yliopisto  
Town: Jyväskylä  
NUTS code: FI193 Keski-Suomi  
Postal code: 40014  
Country: Finland  
E-mail: [kirjaamo@jyu.fi](mailto:kirjaamo@jyu.fi)  
Telephone: +358 142601211  
**Internet address(es):**  
Main address: <http://www.jyu.fi>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://hanki.tarjouspalvelu.fi/hanki?id=327346&tpk=a9ed4be8-1c8e-4745-848c-d0858e58b2fa>  
Additional information can be obtained from the abovementioned address  
Tenders or requests to participate must be submitted electronically via: <https://hanki.tarjouspalvelu.fi/hanki?id=327346&tpk=a9ed4be8-1c8e-4745-848c-d0858e58b2fa>

**I.4. Type of the contracting authority**

Other type: University

**I.5. Main activity**

Education

**Section II: Object**

---

**II.1. Scope of the procurement****II.1.1. Title**

Single Box Amplified Titanium-Sapphire Femtosecond Laser System  
Reference number: 1855/02.03.00.00/2020

**II.1.2. Main CPV code**

38636100 Lasers

**II.1.3. Type of contract**

Supplies

#### **II.1.4. Short description**

Single box amplified titanium-sapphire femtosecond laser system for pumping several independent measurement stations at minimally 1 kHz repetition rate. Laser output will be splitted to four independent measurement stations in energy ratios 1.2 mJ, 1.2 mJ, 1.2 mJ and remaining power (> 1.2 mJ). Measurement stations will use fundamental laser radiation for pumping OPAs and NOPAs, and for a second/third harmonic generation and white light generation.

It is expected that needed splitting optics will be delivered with the laser system. Pulse duration can be between 80-100 fs, while shorter is considered to be better due to overall time resolution for the experiments using laser fundamental/OPA radiation.

Contracting authority (JYU) may suspend the procurement procedure if the tenders exceed the budget available for the procurement.

Prior references of supplying comparable systems are required.

#### **II.1.5. Estimated total value**

Value excluding VAT: 240 000,00 EUR

#### **II.1.6. Information about lots**

This contract is divided into lots: no

### **II.2. Description**

#### **II.2.3. Place of performance**

NUTS code: FI193 Keski-Suomi

Main site or place of performance: University of Jyväskylä, Nanoscience Center/Department of Chemistry.

#### **II.2.4. Description of the procurement**

Single box amplified titanium-sapphire femtosecond laser system for pumping several independent measurement stations at minimally 1 kHz repetition rate. Laser output will be splitted to four independent measurement stations in energy ratios 1.2 mJ, 1.2 mJ, 1.2 mJ and remaining power (> 1.2 mJ). Measurement stations will use fundamental laser radiation for pumping OPAs and NOPAs, and for a second/third harmonic generation and white light generation.

It is expected that needed splitting optics will be delivered with the laser system. Pulse duration can be between 80-100 fs, while shorter is considered to be better due to overall time resolution for the experiments using laser fundamental/OPA radiation.

Contracting authority (JYU) may suspend the procurement procedure if the tenders exceed the budget available for the procurement.

Prior references of supplying comparable systems are required.

#### **II.2.5. Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6. Estimated value**

#### **II.2.7. Duration of the contract, framework agreement or dynamic purchasing system**

Start: 01/03/2021

This contract is subject to renewal: no

#### **II.2.10. Information about variants**

Variants will be accepted: no

#### **II.2.11. Information about options**

Options: yes

Description of options:

Upgrade to 7 mJ pulse energy.

#### **II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:

no

#### **II.2.14. Additional information**

### **Section III: Legal, economic, financial and technical information**

---

#### **III.1. Conditions for participation**

##### **III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions:

According to tender documents.

##### **III.1.2. Economic and financial standing**

Selection criteria as stated in the procurement documents

##### **III.1.3. Technical and professional ability**

Selection criteria as stated in the procurement documents

#### **III.2. Conditions related to the contract**

##### **III.2.2. Contract performance conditions**

Contracting authority (JYU) may suspend the procurement procedure if the tenders exceed the budget available for the procurement.

### **Section IV: Procedure**

---

#### **IV.1. Description**

##### **IV.1.1. Type of procedure**

Open procedure

##### **IV.1.3. Information about a framework agreement or a dynamic purchasing system**

##### **IV.1.8. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: yes

#### **IV.2. Administrative information**

##### **IV.2.2. Time limit for receipt of tenders or requests to participate**

Date: 31/01/2021 Local time: 23:59

##### **IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates**

##### **IV.2.4. Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6. Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (from the date stated for receipt of tender)

#### **IV.2.7. Conditions for opening of tenders**

Date: 01/02/2021 Local time: 09:00

### **Section VI: Complementary information**

---

#### **VI.1. Information about recurrence**

This is a recurrent procurement: no

#### **VI.2. Information about electronic workflows**

Electronic invoicing will be accepted

#### **VI.3. Additional information**

This notice has links and/or attachments listed in <https://www.hankintailmoitukset.fi/en/public/procurement/45472/notice/61189>

#### **VI.4. Procedures for review**

##### **VI.4.1. Review body**

Official name: Markkinaoikeus

Postal address: Radanrakentajantie 5

Town: Helsinki

Postal code: 00520

Country: Finland

E-mail: [markkinaoikeus@oikeus.fi](mailto:markkinaoikeus@oikeus.fi)

Telephone: +358 295643300

Internet address: <http://www.oikeus.fi/markkinaoikeus>

#### **VI.5. Date of dispatch of this notice**

22/12/2020