

Finland-Mikkeli: Research, testing and scientific technical simulator

OJ S 209/2021 27/10/2021

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: South-Eastern Finland University of Applied Sciences

National registration number: 2472908-2

Postal address: Patteristonkatu 3 D

Town: Mikkeli

NUTS code: FI1D1 Etelä-Savo

Postal code: 50100

Country: Finland

Contact person: Nuutti Teräsalmi

E-mail: nuutti.terasalmi@xamk.fi

Telephone: +358 406373890

Internet address(es):Main address: <http://www.xamk.fi>**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/xamk?id=370449&tpk=e6abeebe-b820-421d-b62a-6f7e0a77ade5>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/xamk?id=370449&tpk=e6abeebe-b820-421d-b62a-6f7e0a77ade5>**I.4. Type of the contracting authority**

Other type: Publicly owned company

I.5. Main activity

Education

Section II: Object

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

Climatic chamber

II.1.2. Main CPV code

38970000 Research, testing and scientific technical simulator

II.1.3. Type of contract

Supplies

II.1.4. Short description

Low-carbon building demands are expected to increase remarkably in the near future. This trend creates remarkable opportunity for the South Savo region to increase knowhow, specialized R&D and business development based on innovative use of biomaterials in the building sector. The development of wood and hybrid materials in building industry is developing rapidly and this increases the demand for the research and testing facilities. The massive wood and hybrid building environment for physical, climate and energy efficient testing purposes will be implemented in Savonlinna technology park operated by South-Eastern Finland University of Applied Sciences. The facility will be used in university and industrial co-operation in the field of knowhow development and testing of innovative materials structures. As a result, regional smart specialization, technical infrastructures, and competence deepens. Regional actors will strengthen their position in the growing low-carbon building sector. Therefore, the purpose of the acquisition is to obtain a walk-in climatic chamber.

II.1.5. Estimated total value

Value excluding VAT: 1 000 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

38500000 Checking and testing apparatus

II.2.3. Place of performance

NUTS code: FI1D1 Etelä-Savo

Main site or place of performance: Savonlinna

II.2.4. Description of the procurement

The goal is to provide wood construction solutions and innovation services that serve companies and solve the most acute challenges in timber construction. The operational goal of the development project 308048 'Wood and Hybrid Construction Testing Laboratory' financed by South Savo Regional Council is to launch the operation of the research laboratory and produce open-source solutions and research information for companies and building clusters. Research data on the thermal transmission properties of building insulations and various structures are needed for many purposes e.g. design guidelines, compliance with regulations, investigation of material and products performance and for improving the simulation models. Therefore, the purpose of the acquisition is to obtain a walk-in climatic chamber. With the help of the climatic chamber, it should be possible to simulate a wide range of operating temperatures and enable the testing of complete systems under various stationary and dynamic climatic conditions. The chamber should be divided in two modules; two separate temperature and humidity-controlled rooms (indoor and outdoor with stainless steel interior), which will be primarily used for simulation of the building structures and components response to wide range of climatic conditions e.g. windows, façade, wall, floor and roof elements. The dimensions of the materials and structures used in the simulations may also vary according to the dimensions of the product, but acquisition concerns chamber where the materials up to 2400 mm wide, 2400 mm high and 100-800 mm thick could be tested. The climatic chamber should be equipped with modern control software, allowing to collect the data, manage, monitor and assist the chamber remotely and in multiple ways (Wi-Fi, Ethernet, mobile network).

Pricing must include installation and shipping costs to Savonlinna Finland (Vipusenkatu 10, 57200 Savonlinna, Finland). The offer should exclude water cooling system, which will be acquired separately and will serve also other equipment in laboratory facility.

II.2.5. Award criteria

Criteria below
Price

II.2.6. Estimated value

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

Start: 15/12/2021

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: no

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 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: no

IV.2. Administrative information

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

Date: 25/11/2021 Local time: 12:00

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, Finnish

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

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 25/11/2021 Local time: 12:15

Place:

Mikkeli

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

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

Telephone: +358 295643300

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

VI.5. Date of dispatch of this notice

22/10/2021