

Finland-Mikkeli: Research, testing and scientific technical simulator

OJ S 20/2022 28/01/2022

Contract award 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.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.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 870 000,00 EUR

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).

II.2.5. Award criteria

Price

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.2.1. Previous publication concerning this procedure

Notice number in the OJ S: [2021/S 209-546673](#)

IV.2.8. Information about termination of dynamic purchasing system

IV.2.9. Information about termination of call for competition in the form of a prior information notice

Section V: Award of contract

Title:

Climatic chamber

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

20/12/2021

V.2.2. Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: no

V.2.3. Name and address of the contractor

Official name: Kvalitest Industrial Oy

National registration number: FI22621406

Postal address: Punasillantie 31A

Town: Muurame

NUTS code: FI1 Manner-Suomi

Postal code: 40950

Country: Finland

The contractor is an SME: yes

V.2.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot: 870 000,00 EUR

Total value of the contract/lot: 870 000,00 EUR

V.2.5. Information about subcontracting**Section VI: Complementary information**

VI.3. Additional information**VI.4. Procedures for review****VI.4.1. Review body**

Official name: Markkinaoikeus

Postal address: Sörnäistenkatu 1

Town: Helsinki

Postal code: 00580

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

25/01/2022