

**Finland-Naantali: Heat pumps**  
**OJ S 65/2021 02/04/2021**  
**Contract award notice – utilities**  
**Supplies**

**Legal Basis:**

Directive 2014/25/EU

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**Section I: Contracting entity**

**I.1. Name and addresses**

Official name: Turun Seudun Energiantuotanto Oy

National registration number: 1730092-3

Postal address: Satamatie 16

Town: Naantali

NUTS code: FI Suomi / Finland

Postal code: 21100

Country: Finland

Contact person: Sansia Oy/Ari Sormunen

E-mail: [ari.sormunen@sansia.fi](mailto:ari.sormunen@sansia.fi)

Telephone: +358 447182946

**Internet address(es):**

Main address: <https://www.tset.fi>

**I.6. Main activity**

Production, transport and distribution of gas and heat

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**Section II: Object**

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

**II.1.1. Title**

Heat Pump Unit for District Heat Production

Reference number: 316076

**II.1.2. Main CPV code**

42511110 Heat pumps

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

Turun Seudun Energiantuotanto Oy (TSE) is planning to build a heat pump unit for district heat production. The heat pump unit would use the waste heat from closed cooling water system of power plant Na4 (Naantali). The estimated heat output of the heat pump unit would be around 8-10 MW and the heat will be transferred to the local district heating network.

This supply consists of the heat pump unit with the necessary auxiliary equipment.

**II.1.6. Information about lots**

This contract is divided into lots: no

### **II.1.7. Total value of the procurement**

Value excluding VAT: 1 995 000,00 EUR

## **II.2. Description**

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

NUTS code: FI Suomi / Finland

Main site or place of performance: Naantali.

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

The scope of supply is the heat pump unit of around 8-10 MWth water to water heat pump for district heat production. The scope of supply contains all the necessary auxiliary equipment with piping and cabling (cabling from terminal boxes to control panels) of heat pump unit excluding the main pipe work, civil works and power supply, but including commissioning and the test run completed (both approved by the purchaser) and ready for commercial operation at the purchaser's site. Heat pump unit and all its materials and components shall be proven technique.

All necessary dimensions, load and process information for designing the civil constructions and foundations is included to the scope of Supply.

The heat pump unit is to be installed on a steel base frames provided with motor, compressor and heat exchangers (evaporator, condenser, auxiliary cooling) etc. to form a complete and well operating heat pump unit.

The system shall be designed to minimise loss of refrigerant. Welded fittings are in preference to flange connections when possible.

The process delivery of the plant with auxiliary systems shall include at least but not limited to the following equipment, their installation, commissioning and testing:

- heat pump unit with complete connections with all necessary materials (bolts, nuts etc) and works of fixings, erections and installations (assembly of unit, painting and thermal insulation);
- refrigerant system with all needed auxiliary equipment and piping;
- lube oil system for required lubrication, with all needed auxiliary equipment and piping;
- cooling water system, with all needed auxiliary equipment and piping;
- all pipe work of the unit inside the delivery limits;
- complete protection system for heat pump unit;
- control, indication and measurement equipment with instrumentation and supervision system with all necessary functions, auxiliaries and accessories;
- motor line equipment including necessary cubicles and terminal boxes with all necessary auxiliaries and accessories;
- protective line side surge arrester and capacitors with all necessary auxiliaries and accessories;
- all cabling inside the scope of supply of the supplier's equipment;
- complete design of the process, design documents, instructions, operating and maintenance manuals etc in the scope of supply are included in the delivery;
- spare parts according to Supplier's recommendation for operation of two (2) years (to be listed with unit prices with the tender by the supplier);
- all necessary special tools needed for installation, erection, maintenance etc of equipment and systems shall be included in the delivery (separate list shall be submitted with the tender by the supplier);
- factory tests and site tests of supplied equipment (separate list shall be submitted with the tender by the supplier);
- commissioning and test run (to be approved by the purchaser);
- training of the purchaser's operating and maintenance staff.

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

Options: yes

Description of options:

Option for heat pump unit maintenance contract.

#### **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**

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

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

Negotiated procedure with prior call for competition

##### **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.2.1. Previous publication concerning this procedure**

Notice number in the OJ S: [2020/S 198-480989](#)

##### **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 periodic indicative notice**

### **Section V: Award of contract**

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**Contract No:** 26032021

**Title:**

Heat Pump Unit for District Heat Production

A contract/lot is awarded: yes

#### **V.2. Award of contract**

##### **V.2.1. Date of conclusion of the contract**

26/03/2021

##### **V.2.2. Information about tenders**

Number of tenders received: 4

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 4

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

**V.2.3. Name and address of the contractor**

Official name: Suomen Teollisuuskylmä Oy  
National registration number: FI24027101  
Postal address: Pinninkatu 53 B  
Town: Tampere  
NUTS code: FI Suomi / Finland  
Postal code: 33100  
Country: Finland  
The contractor is an SME: yes

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

Total value of the contract/lot: 1 995 000,00 EUR

**V.2.5. Information about subcontracting****V.2.6. Price paid for bargain purchases****Section VI: Complementary information**

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**VI.3. Additional information**

The contracting entity reserves the right to invite to the procurement procedure a minimum of three (3) and maximum of five (5) bidders.  
If there are more than five (5) bidders the contracting entity reserves the right to select those five (5) bidders that have the largest number of valid references during the last three (3) years. The candidate must meet all the requirements set out in Section III.1.3). subsections 1 and 2. Any qualifications is made in such a way that the candidates to be selected to the bidding process are ranked based on the number of references in Section III.1.3) Technical and professional ability subsection 3. If two or more candidates have the same number of references calculated based on the subsection 3, they are ranked based on the number of references set out in subsection 1 that exceed the mandatory minimum requirements. The equivalence and number of references are evaluated based on the written report submitted by the candidate.

**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**

29/03/2021