

Finland-Helsinki: Heat pumps
OJ S 27/2022 08/02/2022
Contract notice – utilities
Supplies

Legal Basis:

Directive 2014/25/EU

Section I: Contracting entity

I.1. Name and addresses

Official name: Helen Ltd
National registration number: 2630573-4
Postal address: Kampinkuja 2
Town: Helsinki
NUTS code: FI1B Helsinki-Uusimaa
Postal code: 00100
Country: Finland
Contact person: Teemu Tulonen
E-mail: teemu.tulonen@helen.fi
Telephone: +358 96171
Internet address(es):
Main address: <http://www.helen.fi/index.html>

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/helen?id=379761&tpk=c7ce7507-9d3d-40d5-81f0-464fd5dc3cfe>
Additional information can be obtained from the abovementioned address
Tenders or requests to participate must be submitted to the abovementioned address

I.6. Main activity

Production, transport and distribution of gas and heat

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Development project for Eiranranta Heat Pump Station's three heat pump units
Reference number: 379761

II.1.2. Main CPV code

42511110 Heat pumps

II.1.3. Type of contract

Supplies

II.1.4. Short description

Helen Ltd as the Contracting Authority is planning to build a new heat pump station (Eiranranta heat pump station) to Munkkisaari area in Helsinki. The main objective of the project and this

procurement is to increase the capacity of carbon neutral production of district heat and district cooling by utilizing the waste energy of purified sewage water. The project is currently in the planning phase and the final project execution decision is scheduled to be done in December 2022 (subject to changes).

In this procurement, the Contracting Authority is seeking a development project (later "Development Project") partner for designing and building of three heat pump units to Eiranranta heat pump station as described in this EU Procurement Notification (especially in II. 2.4) Description of the procurement) and its Appendices. This procurement will be executed with negotiation procedure.

A preliminary schedule (subject to changes) for this procurement is:

02/2022 EU Procurement Notification

03/2022 Decision on Tenderers

03/2022 Invitation to Initial Tender

03/2022-05/2022 Info meeting(s) / Q/A-meeting(s) in case needed

05/2022 Submission of Initial Tender

06/2022 - 09/2022 Invitation to Final Tender

10/2022 Submission of Final Tender

12/2022 PROJECT EXECUTION DECISION

12/2022 - 02/2023 Decision on the awarded Supplier

II.1.5. Estimated total value

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

42511110 Heat pumps

II.2.3. Place of performance

NUTS code: FI1B Helsinki-Uusimaa

II.2.4. Description of the procurement

Helen Ltd is seeking for a supplier of three (3) heat pump units to Eiranranta Heat pump Station. The scope of supply includes all necessary steps from designing and manufacturing to installation and commissioning. The designed heat pump units shall meet following requirements:

-Refrigerant R1234ze

-As high heating capacity as possible

-Maximum dimensions of the unit 16 m x 9 m x 7 m (length x width x height) approximately

-Maximum heating outlet temperature ≥ 95 °C

-Sewage water to evaporator

Approved compressor type: turbo compressor

The heat pump unit shall be designed so that:

a) inlet temperature of sewage water to evaporator varies between + 5...+15 °C.

b) inlet temperature of district heating water to condenser varies between +38...+55 °C.

The above mentioned temperatures will be specified in the final Request for Tender.

Estimated maximum flow of sewage water at the heat pump station is ~12400 m³.

The Tenderer Candidate which offers to take part in this development project as the designer shall also be the manufacturer of the heat pump. The heat pump unit as a whole with all of the parts and appliances must meet the obligatory EU directives, and their manufacturing shall

follow EU-standards. The manufacturer shall present CE acceptance with Declaration of Conformity for the heat pump unit they deliver.

The Contracting authority reserves its right to reject a Tender, if the proportion of products, originating from the third countries of the world (as defined in an EU act 952/2013 of the European Parliament and of the Council) exceeds 50% of the total value.

The designing work will be done between March and October 2022. As an outcome of this design work the Tenderer Candidate shall present binding tender for supply of the designed heat pump unit. The final tender shall be presented by October 2022. According to the current schedule the Contracting authority will decide on pursuance of the investment by December 2022.

Preliminary schedule for execution

- Heat pumps delivered to installation site 6/2024
- Heat pumps commissioned 4/2025
- Heat pump's test run done and unit ready for operation 9/2025
- Heat pump's guaranteed values measured 9/2025

The design and production of the heat pump units in the scope of this supply is one technical entity which cannot be divided into lots.

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

Duration in months: 36

This contract is subject to renewal: no

II.2.9. Information about the limits on the number of candidates to be invited

Envisaged minimum number: 2 Maximum number: 4

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Critical spare parts for the use of 10 years and operational spare parts for the use of 2 years.

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:

The Supplier shall, before the agreement is signed, give following valid documents (no older than 3 months) in Finnish or in English:

1. Extract from the Trade Register or relevant verification acc.to the tenderer's local legislation.
2. a certificate of taxes paid from the supplier's local tax authority or an account that a payment agreement has been made on overdue tax payments
3. certificates of pension insurance and payment of pension insurance premiums or an account that a payment agreement has been made on overdue pension payments.
4. a description of the collective agreement used
5. copy of the occupational injury insurance.
6. a description of occupational health care.

(See websites: <https://www.vastuugroup.fi/fi-en/contractors-liability-act>)

The Supplier shall comply with the provisions of the Act on Posting Workers (447/2016). IF there were posted workers, the Supplier shall set (before signing the contract) a representative in Finland, who shall have an address in Finland and who speaks Finnish. The Supplier shall deliver (before signing the contract) among others certificates of accident and pension insurances of the posted workers working at the purchaser's site in Finland.

See all participation requirements in ESPD-form and in section "Other terms and conditions".

III.1.2. Economic and financial standing

List and brief description of selection criteria:

See Tarjouspalvelu.fi

III.1.3. Technical and professional ability

List and brief description of selection criteria:

See Tarjouspalvelu.fi

III.2. Conditions related to the contract

III.2.2. Contract performance conditions

The Supplier shall, before the agreement is signed, give valid documentation acc.to III.1.1 and an Extract from Criminal Records.

Section IV: Procedure

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

Date: 28/02/2022 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, 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)

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3. Additional information

The Contracting Authority will select to the bidding contest 2-4 Tenderers who meet all minimum criterias. Final selection and possible reduction of candidates will be done based on references stated on this invitation to participate (see "Other terms and conditions", References). The reference criteria and scoring of selecting the Tender Candidates are described in the Appendix 1.

Comparison and scoring is used only if the number of eligible candidates is more than two (2). In that case the Contracting Authority will apply the criteria for reduction of the candidates and shortlist 2-4 best qualified candidates to be invited to the negotiations. If two or more candidates reach the same score to qualify, both will be invited to the negotiations.

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

03/02/2022