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Planning

Heat Network Opportunity at Granton Waterfront, Edinburgh

City of Edinburgh Council

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-001480

Procurement identifier (OCID): ocids-h6vhtk-03985a

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Section I: Contracting authority

I.1) Name and addresses

City of Edinburgh Council

Waverley Court, 4 East Market Street

Edinburgh

EH8 8BG

Contact

Kelly Faulds

Email

kelly.faulds@edinburgh.gov.uk

Telephone

+44 1315293415

Country

United Kingdom

NUTS code

UKM75 - Edinburgh, City of

Internet address(es)

Main address

<http://www.edinburgh.gov.uk>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00290

I.3) Communication

Additional information can be obtained from the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://www.publictendersscotland.publiccontractsscotland.gov.uk/esop/pts-host/public/pts/web/login.html>

I.4) Type of the contracting authority

Regional or local authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Heat Network Opportunity at Granton Waterfront, Edinburgh

Reference number

CT2931

II.1.2) Main CPV code

- 09323000 - District heating

II.1.3) Type of contract

Supplies

II.1.4) Short description

The City of Edinburgh Council is currently progressing an Outline Business Case for a low carbon heat network to serve the Granton Waterfront development and existing buildings identified in the surrounding area. The Council expects to invite parties to bid to design, build, finance, operate and maintain the low carbon heat network under a concession model. The Council has published a Prior Information Notice as a market consultation exercise to give potential bidders the opportunity to shape the Council's procurement strategy and delivery model. Potential bidders who are interested in this opportunity are invited to download the market research questionnaire and complete no later than 27 January 2023.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 09323000 - District heating
- 09300000 - Electricity, heating, solar and nuclear energy

- 45232140 - District-heating mains construction work
- 45232141 - Heating works

II.2.3) Place of performance

NUTS codes

- UKM75 - Edinburgh, City of

II.2.4) Description of the procurement

The City of Edinburgh Council is currently progressing an Outline Business Case for a low carbon heat network to serve the Granton Waterfront development and existing buildings identified in the surrounding area. The Council expects to invite parties to bid to design, build, finance, operate and maintain the low carbon heat network under a concession model.

The Granton Waterfront development is anticipated to deliver around 3,500 homes (over 1,000 of them affordable), a primary school, a medical centre and over 9,000m² of commercial, retail, and leisure space. Around 750 homes are expected to be delivered as part of the first phase of the development. As part of the development and to work towards meeting the target of Edinburgh achieving net zero carbon by 2030, the council wishes to progress the delivery of a heat network that will supply cost-competitive low carbon heat to new and existing households and non-domestic properties throughout Granton Waterfront and the surrounding areas, where deemed viable.

This Prior Information Notice focuses on the delivery and operation of the low carbon heat network to serve the new Granton Waterfront development and existing identified buildings in the Granton area. However, the Council is considering the inclusion of extension options with the successful heat network operator for other potential heat network projects in Edinburgh. This information will be contained within the Contract Notice.

The current preferred solution identified for the low carbon heat network, following feasibility work and initial business case work is to source heat for the network from a wastewater source heat pump utilising heat from sewers. The network would utilise a sewage heat recovery system, with a ground-mounted solar PV array helping meet the system's electricity requirements. The heat would be distributed via a network of approximately 7km (depending on network routing and phasing of connections).

The indicative network identified as the preferred option for OBC development is the maximum potential scheme serving the core Granton Waterfront development plus additional customers to the south, west and east. This preferred option represents an annual heat demand of c.25,055 MWh. The Council and its advisers are engaging with the public sector customers identified in the preferred option including Edinburgh College, National

Museum of Scotland and National Galleries of Scotland.

The opportunity is expected to be advertised later in 2023. This market consultation exercise is an opportunity for potential bidders to participate in shaping the Council's procurement strategy and delivery model. Potential bidders who are interested in this opportunity are invited to download the market research questionnaire and complete no later than 27 January 2023. Potential bidders who submit a questionnaire may be invited to a dialogue/question and answer session with the Council to expand on their response.

II.3) Estimated date of publication of contract notice

1 May 2023

Section IV. Procedure

IV.1) Description

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

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at

https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=719451.

(SC Ref:719451)