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Planning

Heat Network Study

City of London Corporation

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-032807

Procurement identifier (OCID): ocds-h6vhtk-041625

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Section I: Contracting authority

I.1) Name and addresses

City of London Corporation

Guildhall

London

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Contact

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Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.cityoflondon.gov.uk/>

I.3) Communication

Additional information can be obtained from the above-mentioned address

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 Study

Reference number

23/18/PS

II.1.2) Main CPV code

- 71311000 - Civil engineering consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

The City of London Corporation (CoLC) have committed through their Climate Action Strategy to support the Square Mile to achieve Net Zero by 2040. CoLC have identified support for developing existing and future heat networks as a priority as evidenced through our recent Local Area Energy Plan (LAEP) and seek to undertake more detailed studies on specific network expansion and decarbonisation opportunities.

The LAEP identified the N-E Square Mile area as having the highest heat density in the Square Mile and thus being a high priority for future heat network development. Based on these findings, CoLC have completed a heat network masterplan for this N-E Square Mile area (including parts of South Hackney and west Tower Hamlets), which shed significant waste heat potential from many office building cooling systems in this area, as well as from data centres, UKPN substations and large sewer mains. The CoLC intend to procure a consultant to progress the masterplan findings to feasibility stage.

Separately, London Borough of Hackney (LBH) have developed a heat network masterplan for a number of areas, including South Shoreditch which is just across the boundary with the Square Mile, with the long-term vision of connecting up each of these network areas. LBH are separately seeking to undertake a heat network feasibility study for South Shoreditch (SS).

The CoLC are aware that developing large scale, interconnected heat networks across LA boundaries can bring a number of mutual benefits, relating to the ability to 'share' waste heat and key strategic low-carbon sources (especially those close to the LA boundary). To quantify and capitalise on these opportunities requires a collaborative approach between LAs for energy modelling and engagement with low-carbon/waste heat sources & owners. As such, this commission will include two separate studies to be delivered in parallel - The North-East Square Mile Feasibility Study (NESQM) and the Cross Boundary Heat Sharing Study (CBHS).

The NESQM study will focus on the economic and technical feasibility of developing a heat network in this area too solely supply buildings within the CoL boundary, while the CBHS study will assess the viability and potential benefits of interconnection of the networks developed during the NESQM and SS studies. Both studies in this commission will require close collaboration with the SS feasibility study, with information shared between the three studies to build a comprehensive picture of the optimal solution for heat decarbonisation in this area. While there will be some overlap, the CoLC expect the consultant to issue separate deliverables for each study.

II.1.5) Estimated total value

Value excluding VAT: £200,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 71311100 - Civil engineering support services
- 71311300 - Infrastructure works consultancy services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom
- UKI - London
- UKI31 - Camden and City of London

Main site or place of performance

Within the City of London

II.2.4) Description of the procurement

The Corporation's intention is to use Competitive Procedure with Negotiation for this procurement process. The ITT is estimated to be released in early November 2023 via the City of London Corporation tendering Portal, CapitalEsourcing.

II.2.14) Additional information

This procurement will be carried out via a call off from the Greater London Authorities' Local Energy Framework, reference GLA81635.

II.3) Estimated date of publication of contract notice

13 November 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