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Planning

Energy Efficiency Services for BMS (Building Management Systems)

Guy's and St Thomas' NHS Foundation Trust

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-030845

Procurement identifier (OCID): ocds-h6vhtk-040d41

Published 19 October 2023, 9:35am

Section I: Contracting authority

I.1) Name and addresses

Guy's and St Thomas' NHS Foundation Trust

Great Maze Pond

London

SE1 9RT

Contact

Adrian Woodmore

Email

Adrian.Woodmore@lpp.nhs.uk

Country

United Kingdom

Region code

UKI44 - Lewisham and Southwark

Internet address(es)

Main address

<https://www.guysandstthomas.nhs.uk>

Buyer's address

<https://www.guysandstthomas.nhs.uk>

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://health-family.force.com/s/Welcome>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Health

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Energy Efficiency Services for BMS (Building Management Systems)

II.1.2) Main CPV code

- 71314200 - Energy-management services

II.1.3) Type of contract

Services

II.1.4) Short description

NHS London Procurement Partnership (NHS LPP) is a member-led organisation that provides pan-London procurement services to the NHS and the Public Sector which includes estates, facilities and consultancy services to our members.

NHS LPP also offers the same services nationwide as part of the NHS Procurement in Partnership (NHS PiP) collaboration. Our NHS PiP partners are NHS North of England Commercial Procurement Collaborative (NHS NoE CPC), NHS Commercial Solutions (NHS CS) and NHS East of England Collaborative Procurement Hub (NHS EoE CPH)

The Opportunity

On behalf of our members, as a current pan-London initiative, we are looking to engage with service providers to undertake energy efficiency activity using building management systems (BMS), in order to maximise the reduction of energy consumption and cost through asset upgrade and/or additions including utility usage management. The three main activities are as follows:

1. Energy analysis of current building management systems (BMS):

Conduct detailed surveys of NHS trust BMS with a view to provide a comprehensive report of appropriate work packages, ranked in order of expected payback period within 3 years, where value added energy over-use mitigation activity can be made across the NHS trust's estate, with costs and timescales clearly defined. This survey and report would facilitate activities 2 and 3 below.

2. Building optimisation:

Undertake mechanical and electrical (M&E) engineering services, delivering the recommended works from the energy analysis, as and when ordered by the trust. Although not an exhaustive list, examples of this work could include:

- a. Air handling unit (AHU) optimisation
- b. Water systems (LTHW, CHW and HWS) optimisation
- c. Air Conditioning integration and optimisation

3. Utility management:

Ongoing monitoring and review, preferably utilising analytics, smart systems and the internet of things for the upgrades, in order to offer a data-led approach to ongoing management of BMS and associated assets. This is to maintain a reduction or improvement of energy consumption and provide further feedback to the client site on a live basis.

Scope

The total value of the opportunity is not anticipated to exceed £5m over the full term. However, the likely value in the first year could be up to £500k, where pilot work is undertaken to build NHS case studies and illustrate the benefits and payback across an NHS estate in London.

The expected contract duration could be up to 10 years, depending on the preference of each NHS trust.

The core sites are expected to be within Greater London in the first year as part of the pan-London initiative being undertaken. However, after Year 1, in order to allow all trusts to benefit from any savings realised, we may publicise findings which may lead to the inclusion of any NHS LPP and/or NHS PiP members nationally, as and where required. We would not exclude any NHS PiP member should they request this service, to meet the purpose of mitigating rising energy costs.

The following list is an example of some of the main building management system providers currently in use within the NHS. This is not exhaustive and so the provider would have to be able to work with any system or assets from any that may be in use and should not be limited to a current partnership arrangement:

ABB
Boss Controls
Eaton
Honeywell
Johnson Controls
Paxton
Priva
Schneider
Tensor
Trend

II.1.5) Estimated total value

Value excluding VAT: £5,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 71314300 - Energy-efficiency consultancy services
- 38551000 - Energy meters
- 71314300 - Energy-efficiency consultancy services
- 79993100 - Facilities management services
- 72514000 - Computer facilities management services
- 72514200 - Facilities management services for computer systems development
- 72514300 - Facilities management services for computer systems maintenance
- 72514100 - Facilities management services involving computer operation
- 79993000 - Building and facilities management services

II.2.3) Place of performance

NUTS codes

- UKI - London

II.2.4) Description of the procurement

The procurement approach is yet to be confirmed and this pre market engagement exercise is to establish the optimum procurement route for delivering these services and potential works. The procurement may involve a full tender exercise or a call-off from an existing DPS or framework.

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II.2.14) Additional information

If your company would like to engage in this pre market exercise, we would ask that you register an interest in this opportunity on the Health Family eCommercial System :

https://atamis-1928.my.salesforce-sites.com/ProSpend_CS_ContractPage?SearchType=Projects&uid=a078d000005lwSdAAI&searchStr=energy&sortStr=Recently+Published&page=1&filters=&County=

and provide contact details, as well as any initial questions. We will then set up discovery and information provision meetings with each party, to further refine our specification, establish the best procurement route and ensure that the market understands the requirement, prior to commencement of the procurement activity.

II.3) Estimated date of publication of contract notice

8 January 2024

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

