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Tender

## **Energy Efficiency Delivery Framework**

Network Rail Infrastructure Ltd

F02: Contract notice

Notice identifier: 2022/S 000-001665

Procurement identifier (OCID): ocds-h6vhtk-030d1a

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### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Network Rail Infrastructure Ltd

1 Eversholt Street

London

NW1 2DN

#### **Email**

[Nikki.Hunter@networkrail.co.uk](mailto:Nikki.Hunter@networkrail.co.uk)

#### **Telephone**

+44 1908781000

#### **Country**

United Kingdom

#### **NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.networkrail.co.uk](http://www.networkrail.co.uk)

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://networkrail.bravosolution.co.uk>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://networkrail.bravosolution.co.uk/>

Tenders or requests to participate must be submitted to the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

General public services

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## **Section II: Object**

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

#### **II.1.1) Title**

Energy Efficiency Delivery Framework

#### **II.1.2) Main CPV code**

- 71314000 - Energy and related services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Network Rail (NR) owns, operates, and develops Britain's railway infrastructure. That is 20,000 miles of track, 30,000 bridges, tunnels and viaducts and the thousands of signals, level crossings and stations. We manage 20 of the UK's largest stations while all the others, over 2,500, are currently managed by the country's train operating companies.

NR are undertaking a Decarbonisation/ Energy Efficiency Programme across a range of built assets in all Regions. We have already completed over 150 energy audits so far and identified significant potential to reduce carbon and energy use.

NR aim to set up a framework that can be used for undertaking 'common interventions' that have been identified to help NR meet its energy efficiency targets. This will include the design, installation, and commissioning of the energy efficiency interventions identified by NR.

The objective is to award to one supplier per lot per region. The five Network Rail regions are Eastern, Northwest & Central, Scotland's Railway, Southern and Wales & Western.

List of the LOTS

Upgrade to BEMS

Upgrade Heating and Cooling Systems

Lighting

Upgrade Air Handling Units

Upgrade Building Fabric

Renewable Energy Generation

Water efficiency measures

Utility Meter Installation

#### **II.1.5) Estimated total value**

Value excluding VAT: £50,000,000

#### **II.1.6) Information about lots**

This contract is divided into lots: Yes

Tenders may be submitted for all lots

### **II.2) Description**

#### **II.2.1) Title**

Upgrade to BEMS (Building Energy Management System)

Lot No

1

#### **II.2.2) Additional CPV code(s)**

- 71314000 - Energy and related services

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

NUTS codes

- UK - United Kingdom

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

Upgrade BEMS Infrastructure

Upgrade Controls Software

Standardise Schedules/ Set Points

Connect plant into BEMS

Upgrade main incoming and sub-metering, export data to BEMS (Gas, Electric, Heat, Cooling, and water)

#### **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**

Value excluding VAT: £6,000,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

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

Maximum number: 3

Objective criteria for choosing the limited number of candidates:

The top three suppliers per lot per region will be invited to to the ITT stage

#### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: Yes

Description of options

1 year extension option

### **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) Description**

### **II.2.1) Title**

Upgrade Heating and Cooling Systems

Lot No

2

### **II.2.2) Additional CPV code(s)**

- 71314000 - Energy and related services

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

NUTS codes

- UK - United Kingdom

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

Migrate Variable Speed Drives (VSD) from fixed speed to variable

Upgrade Low Temperature Hot Water (LTHW) and/or Chilled Water (CHW) systems to be variable speed demand driven

Install insulation to pipework and other plant

Refurbish Heating and Cooling Systems

Upgrade Boilers

Upgrade Heat Rejection (Chillers, DX Split Units, VRF, etc)

Upgrade heating systems to Heat Pump Heat Generation (Air Source Heat Pumps (ASHPs) or Ground Source Heat Pumps)

Review opportunities for heat recovery from existing cooling demands.

Delivery of periodical maintenance to H&C systems

Deliver BAU maintenance of heating and cooling systems to maintain energy efficient performance

Delivery of forced air-cooling systems to appropriate assets

#### **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**

Value excluding VAT: £8,000,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

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

Maximum number: 3

Objective criteria for choosing the limited number of candidates:

The top three scoring suppliers per lot, per region will be invited to the ITT

#### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: Yes

Description of options

1 year option to extend

### **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) Description**

### **II.2.1) Title**

Lighting

Lot No

3

### **II.2.2) Additional CPV code(s)**

- 31500000 - Lighting equipment and electric lamps

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

NUTS codes

- UK - United Kingdom

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

Remove existing lighting and replace with integrated control LEDs

Lighting Controls

Assess existing lighting control and introduce/ upgrade lighting control system. Design, supply, install, test, and commission suitable equipment, cabling and other infrastructure

### **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**

Value excluding VAT: £7,000,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

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

Maximum number: 3

Objective criteria for choosing the limited number of candidates:

Three suppliers per region, per lot will be invited to the ITT

### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: Yes

Description of options

1 year option to extend

### **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) Description**

### **II.2.1) Title**

Upgrade Air Handling Units

Lot No

4

### **II.2.2) Additional CPV code(s)**

- 71314000 - Energy and related services

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

NUTS codes

- UK - United Kingdom

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

Upgrade Air Handling Units

Assess existing provision of AHUs. Propose rationalisation of AHU systems so that they run as a compatible integrated system controlled and monitored by the BEMS. Design, install, test and commission suitable equipment, cabling ductwork and other infrastructure

Delivery of periodical maintenance to AHU systems

### **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**

Value excluding VAT: £2,000,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: Yes

Description of options

one year option to extend

### **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) Description**

### **II.2.1) Title**

Upgrade Building Fabric

Lot No

5

### **II.2.2) Additional CPV code(s)**

- 71314000 - Energy and related services

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

NUTS codes

- UK - United Kingdom

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

Install or upgrade insulation to the building fabric

Remove windows and replace with double/ multiple glazing

### **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**

Value excluding VAT: £2,500,000

**II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

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

Maximum number: 3

Objective criteria for choosing the limited number of candidates:

Three suppliers per lot per region will be invited to the tender stage

**II.2.10) Information about variants**

Variants will be accepted: No

**II.2.11) Information about options**

Options: Yes

Description of options

1 year option to extend

**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) Description**

### **II.2.1) Title**

Renewable Energy Generation

Lot No

6

### **II.2.2) Additional CPV code(s)**

- 09330000 - Solar energy

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

NUTS codes

- UK - United Kingdom

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

Install Photovoltaic (PV) Array (with / without battery) via capital or lease arrangements

Design, supply, install, test and commission suitable equipment, cabling, batteries, and other infrastructure required to provide an integrated and functioning PV System

The PV system can also consider ground mounted solar that includes car park canopies as well as roof structures.

Install Solar Thermal Array Via capital or lease arrangements

Review existing Domestic Hot Water (DHW) demand and assess feasibility and viability of solar thermal generation. Design, supply, install, test and commission suitable equipment, piping, cabling, batteries, and other infrastructure required to provide an integrated and functioning Solar Thermal System

Solar PV System Maintenance

### **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**

Value excluding VAT: £14,000,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: Yes

Description of options

1 year option to extend

### **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) Description**

### **II.2.1) Title**

Water efficiency measures

Lot No

7

### **II.2.2) Additional CPV code(s)**

- 71314000 - Energy and related services

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

NUTS codes

- UK - United Kingdom

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

Upgrade/ Install urinal controls

Install and maintain rain/grey water harvesting

#### **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**

Value excluding VAT: £1,500,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

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

Maximum number: 3

Objective criteria for choosing the limited number of candidates:

top 3 suppliers per lot per region

#### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: Yes

Description of options

1 year option to extend

### **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) Description**

### **II.2.1) Title**

Utility Meter Installation

Lot No

8

### **II.2.2) Additional CPV code(s)**

- 38551000 - Energy meters

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

NUTS codes

- UK - United Kingdom

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

Install and commission AMRs and Sub-meter ensuring connection and data flow to NR systems

### **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**

Value excluding VAT: £1,500,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

72

This contract is subject to renewal

No

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

Maximum number: 3

Objective criteria for choosing the limited number of candidates:

top 3 suppliers per region, per lot will be invited to ITT

**II.2.10) Information about variants**

Variants will be accepted: No

**II.2.11) Information about options**

Options: Yes

Description of options

1 year option to extend

**II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

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## **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

As detailed in the Procurement Documents

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

### **III.2) Conditions related to the contract**

#### **III.2.2) Contract performance conditions**

As detailed in the Procurement Documents

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## **Section IV. Procedure**

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

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

Competitive procedure with negotiation

#### **IV.1.3) Information about a framework agreement or a dynamic purchasing system**

The procurement involves the establishment of a framework agreement

Framework agreement with several operators

Envisaged maximum number of participants to the framework agreement: 40

In the case of framework agreements, provide justification for any duration exceeding 4 years:

The contract is let under UCR 2016

**IV.1.5) Information about negotiation**

The contracting authority reserves the right to award the contract on the basis of the initial tenders without conducting negotiations

**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

17 February 2022

Local time

10:00am

**IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates**

8 April 2022

**IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

**IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (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 invoicing will be accepted

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Network Rail

London

Country

United Kingdom