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Tender

The UK Urban NO2 Network (UUNN) 2024

ENVIRONMENT AGENCY (Defra Network eTendering Portal)

F02: Contract notice

Notice identifier: 2024/S 000-034371

Procurement identifier (OCID): ocids-h6vhtk-04b0af

Published 23 October 2024, 4:37pm

The closing date and time has been changed to:

29 November 2024, 12:00pm

See the [change notice](#).

Section I: Contracting authority

I.1) Name and addresses

ENVIRONMENT AGENCY (Defra Network eTendering Portal)

Seacole Building, 2 Marsham Street

London

SW1P 4DF

Contact

DGCEnquiries@defra.gov.uk

Email

dgcenquiries@defra.gov.uk

Telephone

+44 3459335577

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>

Buyer's address

<https://defra-family.force.com/s/Welcome>

I.3) Communication

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

<https://defra-family.force.com/s/Welcome>

Additional information can be obtained from the above-mentioned address

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

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Environment

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

The UK Urban NO2 Network (UUNN) 2024

Reference number

C26270

II.1.2) Main CPV code

- 90731100 - Air quality management

II.1.3) Type of contract

Services

II.1.4) Short description

The UUNN was first established in January 2020 and has expanded since to respond to evidence needs and is currently operating at ~299 sites.

The primary aim of the UUNN is the provision of additional NO2 monitoring data for inclusion within the national UK compliance assessment. Previously the national assessment of NO2 has comprised of a UK-wide automatic monitoring network; the Automatic Urban and Rural Network (AURN), and national scale modelling; the Pollution Climate Mapping (PCM) model.

UUNN monitors were sited specifically to target areas where modelling had indicated an exceedance of the annual mean NO2 limit value, and where concentrations predicted by the PCM model and by local modelling completed by a relevant local authority were not in good agreement.

The two requirements to identify specific road links for UUNN measurements within these areas were originally as follows:

Where the PCM model and/or modelling completed by a relevant local authority had predicted an exceedance of the NO2 annual

II.1.5) Estimated total value

Value excluding VAT: £0.01

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 90731100 - Air quality management
- 90731100 - Air quality management

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

This opportunity is advertised by Defra group Commercial (DgC) on behalf of the Environment Agency (EA) and the Joint Air Quality Unit (JAQU).

The Environment Agency work to create better places for people and wildlife and support sustainable development. EA is an executive non-departmental body, sponsored by the Department for Environment, Food and Rural Affairs. For further information please visit Environment Agency - GOV.UK (Environment Agency - GOV.UK (www.gov.uk)).

The aim of the UK Urban NO2 Network (UUNN) is to provide additional local NO2 measurement data for inclusion within the national UK compliance assessment for NO2. Data from the UUNN supplements the established assessment, comprised of data from the Automatic Urban and Rural Network (AURN) and air quality modelling. The programme of work is led by (Joint Air Quality Unit) JAQU and the Environment Agency (EA). For the purposes of the Terms and Conditions, the Environment Agency is the Buyer. This contract is for management of the UUNN on behalf of Defra and the EA. The Contract is for 3 years with 2 x 1-year extensions, with a 3-month handover / mobilisation period.

The UUNN is an air quality monitoring network that provides measurements of NO2 concentrations at urban traffic sites. Measurement data is used to assess compliance against the annual mean limit value for NO2 set out in the Air Quality Standards Regulations (AQSR) 2010 (40 g/m³). The AQSR provide detailed siting criteria for assessment of ambient air quality and the location of sampling points for the measurement of air pollutants in ambient air. The network has become the critical data for zones where this annual mean limit is exceeded, and the data is now embedded as part of the ongoing assessment of UK-air compliance. Data capture and data integrity is therefore critical to delivery.

The UUNN was first established in January 2020 and has expanded since to respond to evidence needs and is currently operating at ~299 sites. The network is envisaged to operate between 200 – 600 sites over the next few years and has budgeted for circa 300 sites a year

at present, but this may be subject to change.

Monitoring is completed using Palmes-type diffusion tubes which are modified to improve data quality. The tubes are deployed in triplicate at each monitoring location to reduce the level of uncertainty and therefore increase the level of accuracy associated with each measured concentration. The Supplier must ensure tubes at each monitoring location are changed according to the UUNN monitoring calendar. The Supplier must also manage a redeployment exercise to decommission and establish new sites on the network at the start of each year as guided by the Authority.

UUNN monitors were sited specifically to target areas where modelling had indicated an exceedance of the annual mean NO₂ limit value, and where concentrations predicted by the PCM model and by local modelling completed by a relevant local authority were not in good agreement.

The two requirements to identify specific road links for UUNN measurements within these areas were originally as follows:

Where the PCM model and/or modelling completed by a relevant local authority had predicted an exceedance of the NO₂ annual mean limit value of 40 g/m³ in 2020 and/or 2021.

Where the difference between the PCM model and modelling completed by a relevant local authority is larger than 20%.

Now the network has moved from an initial improvement work package to an ongoing tool for enhanced NO₂ assessment and is foreseen to be part of our NO₂ assessments work notably on high traffic road links for the foreseeable future. This procurement helps support the Environment Agency's corporate strategy. Environment Agency: EA2025 creating a better place - GOV.UK (www.gov.uk) – provides the Environment Agency's commitment to measure healthy air to protect the environment and people.

II.2.5) Award criteria

Price

II.2.6) Estimated value

Value excluding VAT: £0.01

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

Start date

1 January 2025

End date

31 March 2030

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: No

II.2.13) Information about European Union Funds

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

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 procurement documents are available for unrestricted and full direct access, free of charge, at <https://defra-family.force.com/s/Welcome>

Any questions, requests to participate or tender submissions must be submitted electronically via this portal.

If you need technical help with the Atamis system, either when registering, or when completing a tender, please contact the Atamis support team e-mail Support@Atamis.co.uk or phone Tel: 029 2279 0052.

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

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

Originally published as:

Date

20 November 2024

Local time

3:00pm

Changed to:

Date

29 November 2024

Local time

12:00pm

See the [change notice](#).

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: 5 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

23 October 2024

Local time

5:00pm

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

Public Procurement Review Body

N/A

N/A

N/A

Email

publicprocurementreview@cabinetoffice.gov.uk

Country

United Kingdom

Internet address

<https://www.gov.uk/government/publications/public-procurement-review-service-scope-and-remit>

VI.4.2) Body responsible for mediation procedures

Public Procurement Review Body

N/A

N/A

N/A

Email

publicprocurementreview@cabinetoffice.gov.uk

Country

United Kingdom

Internet address

<https://www.gov.uk/government/publications/public-procurement-review-service-scope-and-remit>

VI.4.4) Service from which information about the review procedure may be obtained

Public Procurement Review Body

N/A

N/A

N/A

Email

publicprocurementreview@cabinetoffice.gov.uk

Country

United Kingdom

Internet address

<https://www.gov.uk/government/publications/public-procurement-review-service-scope-and-remit>