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Tender

INVITATION TO TENDER FOR THE DESIGN AND BUILD OF A 5G NETWORK IN BASING VIEW, BASINGSTOKE

Basingstoke & Deane Borough Council

F02: Contract notice

Notice identifier: 2021/S 000-017526

Procurement identifier (OCID): ocids-h6vhtk-02cbe4

Published 23 July 2021, 3:37pm

Section I: Contracting authority

I.1) Name and addresses

Basingstoke & Deane Borough Council

Civic Offices

BASINGSTOKE

RG214AH

Email

procurement@basingstoke.gov.uk

Telephone

+44 1256844844

Country

United Kingdom

NUTS code

UKJ3 - Hampshire and Isle of Wight

Internet address(es)

Main address

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

I.3) Communication

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

<http://sebp.due-north.com/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<http://sebp.due-north.com/>

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

<http://sebp.due-north.com/>

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

INVITATION TO TENDER FOR THE DESIGN AND BUILD OF A 5G NETWORK IN BASING VIEW, BASINGSTOKE

Reference number

DN558434

II.1.2) Main CPV code

- 32400000 - Networks

II.1.3) Type of contract

Supplies

II.1.4) Short description

As part of its economic growth and digital innovation agenda, Basingstoke and Deane Borough Council ("the Council") is looking to work with the private sector on the design and build of a 5G network in Basing View, Basingstoke's central business district.

The council's ambition is to create a comprehensive 5G ecosystem focused on commercialisation where businesses will be able to access 5G connectivity to develop, trial and bring to market new products, services and applications. The project is supported by the Enterprise M3 Local Enterprise Partnership and the University of Surrey 5G Innovation Centre.

This project is seen as the start of Basingstoke's 5G journey and the 5g Living Lab shall be located in Basing View, the town's central business district, which is home to over 100 companies mostly from the professional and financial services, digital tech, cybersecurity and life sciences sectors. Both global companies and innovative SMEs have chosen Basing View as their location and the park is undergoing a multi-million pound regeneration to make it the premier town centre business location in the south east.

To enable the delivery of this vision, the council is looking to work with industry partners to design and build a 5G network providing indoor and outdoor connectivity in Basing View and deploy 5G services to include: a core network within one building at the eastern end of the park, outside to the extent of Lower Basing View and to selected rooms within nearby buildings via rooftop, Fixed Wireless Access (FWA) distribution (locations to be

confirmed following design).

The work will be split into two key stages:

1) Design of the network

2) Build and install of the network as per the approved design and consisting of a 5G core network and a Radio Access Network, operating in a Stand Alone mode.

The project would be on a public/private partnership basis aiming to achieve mutual benefit and funded by direct investment from the public and private sector with the Council providing 50% of the funding, this being capped at £1.25million, which will be provided to the successful Tenderer to cover capital costs at the build and install stage.

The 5G Living Lab project could act as a demonstrator for industry partners to showcase technology, expertise and development capabilities and could also help foster innovation by providing a range of use cases including smart city and Internet of Things applications, immersive retail and leisure, AR and VR, mobility and transport and digital health. Through its strong focus on commercialisation and business engagement, the project can also give access to innovative start-ups and businesses helping to develop further 5G innovation and capabilities.

Following the design and build phase of the 5G network, ownership and on-going maintenance and upgrades of the network will remain with the industry partners. This will provide on-going monetisation and commercialisation opportunities for the private sector partners to generate income from the network to ensure its longer-term sustainability.

The Council is utilising an electronic tendering tool to manage this procurement and communicate with Tenderers. Accordingly, there will be no hard copy documents issued to Tenderers and all communications with the Council, including the submission of Tenderers' Responses, will be conducted via the ProContract system, which can be accessed using the following link:

<http://sebp.due-north.com>

To access the full tender documents please register on ProContract and submit expressions of interest on this opportunity, reference DN558434.

Completed tenders and supporting information should be returned via ProContract no later than 12:00:00 (Midday) Friday 27th August 2021.

II.1.5) Estimated total value

Value excluding VAT: £2,500,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 32000000 - Radio, television, communication, telecommunication and related equipment

II.2.3) Place of performance

NUTS codes

- UKJ3 - Hampshire and Isle of Wight

Main site or place of performance

Basing view

Basingstoke

Hampshire

United kingdom

II.2.4) Description of the procurement

Background and Scope of the Project

As part of its economic growth and digital innovation agenda, Basingstoke and Deane Borough Council ("the Council") is looking to work with the private sector on the design and build of a 5G network in Basing View, Basingstoke's central business district.

The council's ambition is to create a comprehensive 5G ecosystem focused on commercialisation where businesses will be able to access 5G connectivity to develop, trial and bring to market new products, services and applications. The project is supported by the Enterprise M3 Local Enterprise Partnership and the University of Surrey 5G Innovation Centre.

To enable the delivery of this vision, the council is looking to work with industry partners to design and build a 5G network providing indoor and outdoor connectivity in Basing View and deploy 5G services to include: a core network within one building at the eastern end of the park, outside to the extent of Lower Basing View and to selected rooms within nearby buildings via rooftop, Fixed Wireless Access (FWA) distribution (locations to be confirmed following design).

The project would be on a public/private partnership basis aiming to achieve mutual benefit and funded by direct investment from the public and private sector with the Council providing 50% of the funding, this being capped at £1.25million, which will be provided to the successful Tenderer to cover capital costs at the build and install stage.

The final appointment of the successful Tenderer will be split into two key stages:

1) Design of the network. The successful Tenderer being required to complete the design of a proposed network, utilising their expertise and experience to propose the most viable solution for the available funding. Upon completion of the design phase the proposal will be reviewed, and a decision made as to whether the build stage shall commence.

Should the final design not be approved as a viable scheme the Councils agreement with the successful Tenderer shall terminate at this stage.

The successful tenderer shall be solely responsible for funding this first stage of the project, seeking and obtaining all relevant permissions and approvals to allow the resulting build to commence, including negotiating with the relevant building stakeholders (owners, tenants) for proposed locations within the final design.

2) Build of the network as per the approved design (if approved). This stage to include the purchase of all required equipment and installation to complete the network build. The 50% match funding provided by the Council shall only be available at this, second stage of the project.

This project is seen as the start of Basingstoke's 5G journey. The town is expected to see significant growth over the next five to ten years, which could open up further potential opportunities for public/private partnership working, any future opportunities being subject to relevant procurement exercises.

The 5G Living Lab will be located in Basing View, the town's central business district, which is home to over 100 companies mostly from the professional and financial services, digital tech, cybersecurity and life sciences sectors. Both global companies and innovative SMEs have chosen Basing View as their location and the park is undergoing a multi-million pound regeneration to make it the premier town centre business location in the south east.

The 5G Living Lab project could act as a demonstrator for industry partners to showcase technology, expertise and development capabilities and could also help foster innovation by providing a range of use cases including smart city and Internet of Things applications, immersive retail and leisure, AR and VR, mobility and transport and digital health. Through its strong focus on commercialisation and business engagement, the project can also give access to innovative start ups and businesses helping to develop further 5G innovation and capabilities.

Following the design and build phase of the 5G network, ownership and on-going maintenance and upgrades of the network will remain with the industry partners. This will provide on-going monetisation and commercialisation opportunities for the private sector partners to generate income from the network to ensure its longer-term sustainability.

Technical capabilities and specifications:

The successful Tenderer will be expected to deploy 5G services likely within Belvedere House (preferred location), outside to the extent of Lower Basing View and to selected rooms within up to two nearby buildings (to be confirmed) via rooftop, Fixed Wireless Access (FWA) distribution. The primary use cases for this network will be for VR/AR and other graphical or video related application. However, due to the focus on commercialisation of 5G and the level of business engagement and expected use of the network and the regional key sector concentrations, the list of use cases will be significantly more extensive and will cover a range of areas such digital health, mobility and transport, financial services, cybersecurity, advanced manufacturing and gamification.

The deployment should also allow for loose internet working with an already deployed SigFox, Low Power Wide Area (LPWA) network and the potential to use Cellular IoT capabilities such as Narrow Band IoT (NB-IoT) and massive/enhanced Machine Type Communication (mMTC/eMTC).

Funding and delivery model:

The project may require several industry partners working together to provide the relevant expertise and equipment to design and build the 5G network and suppliers can come together as part of a consortium. Responses to this Invitation to Tender may be made by a lead bidder on behalf of the consortium. The council would be willing to enter into a delivery contract with the successful lead Tenderer who would take ultimate responsibility for managing the overall delivery of the project and the consortium of partners.

The project will be delivered on a public/private partnership basis aiming to achieve mutual benefit and funded by direct investment from the public and private sector. The total estimated costs of the design and build of the 5G network is £2.5m. Public sector funding to a maximum value of £1.25m will be provided and Tenderers are required to provide match funding of no less than 50% of the total costs of the project.

Full details are available within the Tender documents. To access the full tender documents please register on ProContract and submit expressions of interest on this opportunity, reference DN558434.

The Council is utilising an electronic tendering tool to manage this procurement and communicate with Tenderers. Accordingly, there will be no hard copy documents issued to Tenderers and all communications with the Council, including the submission of

Tenderers' Responses, will be conducted via the ProContract system, which can be accessed using the following link:

<http://sebp.due-north.com>

If your organisation has multiple employees you may wish to consider registering multiple accounts with ProContract, and this opportunity, to ensure continuity of access to the documentation and messaging facility throughout the procurement process.

Please note expressions of interest must be registered before 11:30:00 Friday 27th August 2021. After this time no new suppliers will be able to register and download the Tender documentation on ProContract. This is to allow a locked time for Tenderers simply to review and upload the necessary response documents to ProContract prior to the Tender deadline in an effort to reduce the likelihood of incomplete or late submissions.

Completed tenders and supporting information should be returned no later than 12:00:00 (Midday) Friday 27th August 2021.

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

10

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

The duration provided is an estimate of likely design and build phases. The duration of the contract will end upon completion of the build and install of the scheme.

II.2.14) Additional information

n/a

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

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 set out 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

Date

27 August 2021

Local time

12:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

27 August 2021

Local time

1:00pm

Place

The Council is utilising an electronic tendering tool to manage this procurement and communicate with Tenderers. Accordingly, there will be no hard copy documents issued to Tenderers and all communications with the Council, including the submission of Tenderers' Responses, will be conducted via the ProContract system, which can be accessed using the following link:

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Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.4) Procedures for review

VI.4.1) Review body

High Court of England and Wales

Royal Courts of Justice

London

Country

United Kingdom