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Tender

5G Smart Port Partner

South Tyneside Council

F02: Contract notice

Notice identifier: 2023/S 000-030290

Procurement identifier (OCID): ocds-h6vhtk-040be5

Published 13 October 2023, 1:36pm

Section I: Contracting authority

I.1) Name and addresses

South Tyneside Council

Town Hall, Westoe Road

SOUTH SHIELDS

NE332RL

Contact

Marie Cairns

Email

marie.cairns@southtyneside.gov.uk

Telephone

+44 1914244020

Country

United Kingdom

Region code

UKC22 - Tyneside

Justification for not providing organisation identifier

Not on any register

Internet address(es)

Main address

www.southtyneside.gov.uk

I.3) Communication

Access to the procurement documents is restricted. Further information can be obtained at

www.nepo.org

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

www.nepo.org

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

5G Smart Port Partner

Reference number

DN692029

II.1.2) Main CPV code

- 60640000 - Shipping operations

II.1.3) Type of contract

Services

II.1.4) Short description

The NE7 represent the Northeast local authorities that are coming together to form a new Mayoral Combined Authority. The strengths/growth areas of this Authority are Agriculture, Manufacturing (with associated Transport and Logistics) and Creative Arts.

Together we have bid to the '5G Innovation Regions' competition being run by the Department for Science, Innovation and Technology to deliver a number of projects that will contribute to establishing Northeast England as a national centre of excellence for terrestrial and non-terrestrial 5G use-case development and adoption, accelerating the economic, social and wellbeing impact of advanced digital connectivity through rapid adoption and scale-up across key sectors - whilst boosting economic performance of the region.

South Tyneside Council, a NE7 member, are leading one of these projects which is to innovate in Smart Ports. This procurement is for a Smart Port partner, subject to approval of the bid.

II.1.5) Estimated total value

Value excluding VAT: £1,129,260

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKC - North East (England)

II.2.4) Description of the procurement

This procurement is for a Smart Port Partner who will be required to explore 5G-enabled port operations to improve port competitiveness and safety and reduce environmental impact.

UK ports are actively investing in 5G networks to help to drive sustainable economic growth in the region and support the transition to Net Zero.

This project, which will allow for 5G cameras and IoT sensors to inspect the Port estate, boosting efficiency and reducing fuel usage, will enable ports to drive forward plans to become all-electric.

Once established, 5G infrastructure at ports will be used as a testbed for innovation companies to pilot their technology within a port environment to accelerate products for the betterment of the UK maritime sector. We will also disseminate the learnings in real time to our Northeast Ports of Tyne, Blyth, and Sunderland - as well as to wider UK Ports and 5G Ecosystem.

Key deliverables will be

- Mobile AI port safety solution
- Emissions and Asset Monitoring solution
- AI Analytics solution
- Feasibility study for satellite-enabled 5G extensions for port use cases
- Dissemination and learning by all Northeast Ports and UK, through white papers and event attendance

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 55%

Quality criterion - Name: Quality - Social Value / Weighting: 15%

Price - Weighting: 30%

II.2.6) Estimated value

Value excluding VAT: £1,129,260

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

Start date

4 December 2023

End date

31 March 2025

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

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

There are a number of mandatory requirements for the Smart Port Partner that is required for this procurement, these are listed within the tender documentation and include -

- *The port must be working, international port,
- *The port must have a 5G network for at least a majority of the test area, with any plans for expansion required well advanced with a supply chain in place.
- *The port must have an existing and well-established relationship with a relevant Innovation Body with a UK reach.
- *The port must have a digital twin available immediately or within a short timescale.
- *Delivery of the project must be completed by 31st March 2025.

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.2.1) Information about a particular profession

Execution of the service is reserved to a particular profession

Reference to the relevant law, regulation or administrative provision

The Smart Port Partner must be a working international port.

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

15 November 2023

Local time

12:00pm

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

IV.2.7) Conditions for opening of tenders

Date

15 November 2023

Local time

12:30pm

Information about authorised persons and opening procedure

Tenders will be received electronically via the Due North portal and will be opened by the Head of Legal Services or delegated representative

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

South Tyneside Council

Town Hall, Westoe Road,

South Shields

NE33 2RL

Country

United Kingdom