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Contract

3126/JR Low Carbon Smart Factory Industrial Internet of Things (IIoT) - Tender Two

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2022/S 000-006442

Procurement identifier (OCID): ocds-h6vhtk-02f1ba

Published 9 March 2022, 12:18pm

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

Contact

James Rainbow

Email

James.Rainbow@sheffield.ac.uk

Telephone

+44 1142224204

Country

United Kingdom

NUTS code

UKE32 - Sheffield

Internet address(es)

Main address

<https://www.sheffield.ac.uk>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

3126/JR Low Carbon Smart Factory Industrial Internet of Things (IIoT) - Tender Two

Reference number

3126/JR

II.1.2) Main CPV code

- 35125100 - Sensors

II.1.3) Type of contract

Supplies

II.1.4) Short description

The AMRC North West as part of the University of Sheffield have tendered for multiple lots within an overarching project to demonstrate the capability of the Industrial Internet of Things (IIoT) and smart technology usage cases to reduce the carbon footprint of a manufacturing site. The project will raise awareness of the latest technology and will be retro-fittable to legacy manufacturing facilities. The technology will be able to provide a tangible benefit to the carbon footprint of a manufacturing site through data capture and visualisation and / or machine cognition.

The equipment / system is required to demonstrate how IIoT can be used in a manufacturing environment to understand, influence, and change the key levers in carbon reduction. A range of technologies will be implemented to understand energy usage, occupancy and asset parameters, environmental conditions, utilisation of micro grid technology and visualisation through a user-friendly dashboard. The system will need to be supported or controllable to evolve and integrate system adaptations and enlargement, to support the project goals of demonstrating the potential benefits.

II.1.6) Information about lots

This contract is divided into lots: Yes

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £224,288

II.2) Description

II.2.1) Title

The supply, Installation and Maintenance of BMS

Lot No

1

II.2.2) Additional CPV code(s)

- 35125100 - Sensors
- 48150000 - Industrial control software package
- 48420000 - Facilities management software package and software package suite

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)

II.2.4) Description of the procurement

This lot relates to the supply, installation and maintenance of BMS Monitoring technology (IIoT). Please refer to the tender documents for further information.

The system will need to be supported or controllable to evolve and integrate system adaptations and enlargement, to support the project goals of demonstrating the potential benefits. The supplier needs to be able to maintain and demonstrate the ability to maintain the future operation of the system. Training and technical support is required within the scope of the tender to assist and embed the use of the equipment/system. The University reserved the right to take out or not take out a service/maintenance contract with the initial purchase, or following this, subject to the offers put forward.

Please refer to the tender documents for full information in regard to our requirement, the specification and the contract particulars.

II.2.5) Award criteria

Quality criterion - Name: Quality questions scored as detailed in the tender documents /
Weighting: 58

Price - Weighting: 42

II.2.11) Information about options

Options: No

II.2) Description

II.2.1) Title

The supply, Installation and Maintenance of Digital Dashboards

Lot No

2

II.2.2) Additional CPV code(s)

- 42960000 - Command and control system, printing, graphics, office automation and information-processing equipment
- 48150000 - Industrial control software package
- 48420000 - Facilities management software package and software package suite

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)

II.2.4) Description of the procurement

This lot relates to the supply, installation and maintenance of technology required to create digital dashboards from smart and IoT technology. Please refer to the tender documents for further information.

The system will need to be supported or controllable to evolve and integrate system adaptations and enlargement, to support the project goals of demonstrating the potential benefits. The supplier needs to be able to maintain and demonstrate the ability to maintain

the future operation of the system. Training and technical support is required within the scope of the tender to assist and embed the use of the equipment/system. The University reserved the right to take out or not take out a service/maintenance contract with the initial purchase, or following this, subject to the offers put forward.

Please refer to the tender documents for full information in regard to our requirement, the specification and the contract particulars.

II.2.5) Award criteria

Quality criterion - Name: Quality questions scored as detailed in the tender documents /
Weighting: 58

Price - Weighting: 42

II.2.11) Information about options

Options: No

II.2) Description

II.2.1) Title

The Supply, Installation and Maintenance of Equipment Monitoring

Lot No

3

II.2.2) Additional CPV code(s)

- 35125100 - Sensors
- 48150000 - Industrial control software package
- 48420000 - Facilities management software package and software package suite

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)

II.2.4) Description of the procurement

This lot relates to the supply, installation and maintenance of equipment monitoring technology (IIoT). Please refer to the tender documents for further information.

The system will need to be supported or controllable to evolve and integrate system adaptations and enlargement, to support the project goals of demonstrating the potential benefits. The supplier needs to be able to maintain and demonstrate the ability to maintain the future operation of the system. Training and technical support is required within the scope of the tender to assist and embed the use of the equipment/system. The University reserved the right to take out or not take out a service/maintenance contract with the initial purchase, or following this, subject to the offers put forward.

Please refer to the tender documents for full information in regard to our requirement, the specification and the contract particulars.

II.2.5) Award criteria

Quality criterion - Name: Quality questions scored as detailed in the tender documents /
Weighting: 58

Price - Weighting: 42

II.2.11) Information about options

Options: No

II.2) Description

II.2.1) Title

The Supply, Installation and Maintenance of Occupancy & Asset Tracking

Lot No

4

II.2.2) Additional CPV code(s)

- 35125100 - Sensors
- 42960000 - Command and control system, printing, graphics, office automation and information-processing equipment

- 48150000 - Industrial control software package
- 48420000 - Facilities management software package and software package suite

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)

II.2.4) Description of the procurement

This lot relates to the supply, installation and maintenance of occupancy / asset monitoring equipment(IIoT). Please refer to the tender documents for further information.

The system will need to be supported or controllable to evolve and integrate system adaptations and enlargement, to support the project goals of demonstrating the potential benefits. The supplier needs to be able to maintain and demonstrate the ability to maintain the future operation of the system. Training and technical support is required within the scope of the tender to assist and embed the use of the equipment/system. The University reserved the right to take out or not take out a service/maintenance contract with the initial purchase, or following this, subject to the offers put forward.

Please refer to the tender documents for full information in regard to our requirement, the specification and the contract particulars

II.2.5) Award criteria

Quality criterion - Name: Quality questions scored as detailed in the tender documents / Weighting: 58

Price - Weighting: 42

II.2.11) Information about options

Options: No

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.2.1) Previous publication concerning this procedure

Notice number: [2021/S 000-027212](#)

Section V. Award of contract

Lot No

The supply, Installation and Maintenance of BMS

Title

1

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 February 2022

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 2

Number of tenders received by electronic means: 2

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Control 2K Limited

Waterton Technology Centre, Waterton Industrial Estate.

Bridgend

CF31 3WT

Country

United Kingdom

NUTS code

- UKL - Wales

The contractor is an SME

Yes

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: £29,166

Total value of the contract/lot: £55,692

Section V. Award of contract

Lot No

2

Title

The supply, Installation and Maintenance of Digital Dashboards

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 February 2022

V.2.2) Information about tenders

Number of tenders received: 5

Number of tenders received from SMEs: 4

Number of tenders received by electronic means: 5

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Control 2K Limited

Waterton Technology Centre, Waterton Industrial Estate

Bridgend

CF31 3WT

Country

United Kingdom

NUTS code

- UKL - Wales

The contractor is an SME

Yes

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: £20,833

Total value of the contract/lot: £41,132

Section V. Award of contract

Lot No

3

Title

The Supply, Installation and Maintenance of Equipment Monitoring

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 February 2022

V.2.2) Information about tenders

Number of tenders received: 6

Number of tenders received from SMEs: 5

Number of tenders received by electronic means: 6

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Control 2K Limited

Waterton Technology Centre, Waterton Industrial Estate

Bridgend

CF31 3WT

Country

United Kingdom

NUTS code

- UKL - Wales

The contractor is an SME

Yes

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: £16,666

Total value of the contract/lot: £33,965

Section V. Award of contract

Lot No

4

Title

The Supply, Installation and Maintenance of Occupancy & Asset Tracking

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 February 2022

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

IoT Horizon Ltd

New Century House, Greenbank Technology Park, Challenge Way

Blackburn

BB1 5QB

Country

United Kingdom

NUTS code

- UKD - North West (England)

The contractor is an SME

Yes

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: £91,666

Total value of the contract/lot: £93,499

Section VI. Complementary information

VI.3) Additional information

As per the tender documents the University reserved the right to take out extended maintenance and software contracts and licences with the initial purchase, or following this with the successful bidders. This is reflected in the awarded values.

VI.4) Procedures for review

VI.4.1) Review body

The University of Sheffield

Sheffield

Country

United Kingdom