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Tender

## **PNDC Propulsion & Power Train Accelerator**

University of Strathclyde

F02: Contract notice

Notice identifier: 2021/S 000-000337

Procurement identifier (OCID): ocds-h6vhtk-02889e

Published 8 January 2021, 10:56am

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

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

University of Strathclyde

40 George Street, Procurement Department

Glasgow

G1 1QE

#### **Email**

[david.waddell@strath.ac.uk](mailto:david.waddell@strath.ac.uk)

#### **Country**

United Kingdom

#### **NUTS code**

UKM82 - Glasgow City

## **Internet address(es)**

Main address

<http://www.strath.ac.uk/>

Buyer's address

[https://www.publiccontractsscotland.gov.uk/search/Search\\_AuthProfile.aspx?ID=AA00113](https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00113)

## **I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

## **I.3) Communication**

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

<https://www.publictendersscotland.publiccontractsscotland.gov.uk/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.publictendersscotland.publiccontractsscotland.gov.uk/>

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

Body governed by public law

## **I.5) Main activity**

Education

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## **Section II: Object**

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

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

PNDC Propulsion & Power Train Accelerator

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

- 31154000 - Uninterruptible power supplies

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

Supplies

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

Founded by the University of Strathclyde, Scottish Power Energy Networks and SSE Power Distribution, with support from Scottish Enterprise and the Scottish Funding Council, the Power Networks Demonstration Centre (PNDC), recently secured funding from the ISCF DER challenge fund to be spent on equipment which enhances PNDC's capability in the aerospace, marine and transport sectors.

The equipment will be additional to the current infrastructure at PNDC, and must be connected to/utilise the current infrastructure to provide the enhanced capability.

The requirement for equipment has been split into lots as detailed in the procurement documents.

Tenders should note that the Contract is divided into four parent lots:

Lot 1 - Programmable 1 MW 4Q Power Supply

Lot 2 - DC Power Supply Unit

Lot 3 - Environmental Chamber

Lot 4 - High Speed & Low Speed Dynos

Lots 1, 3 and 4 have three possible configurations, the ITT is divided in ten (10) sublots.

Tenderers should note that, at a maximum, four contracts may be awarded under this

Contract.

### **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**

Programmable 1 MW 4Q Power Supply

Lot No

1

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

- 31174000 - Power supply transformers

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **II.2.6) Estimated value**

Value excluding VAT: £1,200,000

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

Duration in months

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at it's sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 1.1.

## **II.2) Description**

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

Programmable 1 MW 4Q Power Supply

Lot No

2

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

- 31174000 - Power supply transformers

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **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

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at it's sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 1.2.

## **II.2) Description**

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

Programmable 1 MW 4Q Power Supply

Lot No

3

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

- 31174000 - Power supply transformers

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

## **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

## **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

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.



The Contracting Authority may at it's sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 1.3.

## **II.2) Description**

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

1MW DC Power Supply Unit (PSU)

Lot No

4

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

- 31174000 - Power supply transformers

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **II.2.6) Estimated value**

Value excluding VAT: £600,000

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

Duration in months

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at it's sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 2.

## **II.2) Description**

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

Small Environmental Chamber

Lot No

5

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

- 38126300 - Temperature or humidity surface observing apparatus

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **II.2.6) Estimated value**

Value excluding VAT: £150,000

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

Duration in months

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at its sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 3.1.

## **II.2) Description**

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

Small Environmental Chamber (Temperature/Humidity/Pressure)

Lot No

6

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

- 38126300 - Temperature or humidity surface observing apparatus

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **II.2.6) Estimated value**

Value excluding VAT: £120,000

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

Duration in months

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at its sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 3.2

## **II.2) Description**

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

Large Environmental Chamber (Temperature/Humidity/Vibration)

Lot No

7

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

- 38126300 - Temperature or humidity surface observing apparatus

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **II.2.6) Estimated value**

Value excluding VAT: £500,000

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

Duration in months

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at it's sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 3.3.

## **II.2) Description**

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

High Speed Dynamometer with 4Q converter and Low Speed Dynamometer with 4Q converter

Lot No

8

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

- 31121110 - Power converters

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **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

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at it's sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 4.1.

## **II.2) Description**

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

High Speed & Low Speed Dynamometers with integrated 4Q converter

Lot No

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

- 31121110 - Power converters

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **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

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at its sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 4.2.

## **II.2) Description**

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

High Speed Dynamometer with 4Q converter and Low Speed Eddy Current Dynamometer

Lot No

10

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

- 31121110 - Power converters

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

NUTS codes

- UKM82 - Glasgow City

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

Contract scope includes; supply, delivery, commissioning and ongoing support and warranty

of the above equipment. Tenderers should note that the proposed site is yet to be confirmed, however it is highly probable that it will be a new site, meaning the awarded supplier will be required to cooperate with the main building contractor during the commissioning process.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 50

Cost criterion - Name: Cost / Weighting: 50

### **II.2.6) Estimated value**

Value excluding VAT: £1,800,000

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

Duration in months

60

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 Contracting Authority reserves the right to request additional deliveries by the Successful Tenderer, either intended as partial replacement of suppliers or installations or as extensions of existing supplies and installations.

The Contracting Authority may at it's sole discretion exercise this 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.2.14) Additional information**

Potential Tenderers should note that the lot referencing is a locked function on the notice and cannot be amended. Within the tender documentation, this is categorised as lot 4.3.

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

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

List and brief description of selection criteria

4B.5.1A - the Tenderer must maintain Professional Risk Indemnity insurance in the sum of not less than GBP2,000,000 in respect of any one incident and unlimited as to numbers of claims.

4B.5.1b - the Tenderer must maintain Employer's (Compulsory) Liability insurance in the sum of not less than GBP10,000,000 in respect of any one incident and unlimited as to numbers of claims.

4B.5.2 - the Tenderer must maintain Public Liability insurance in the sum of not less than GBP10,000,000 in respect of any one incident and unlimited as to numbers of claims.

4B.5.2 - the Tenderer must maintain Product Liability insurance in the sum of not less than GBP10,000,000 in respect of any one incident and unlimited as to numbers of claims.

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

List and brief description of selection criteria

4C.1.2 Bidders will be required to provide five (5) examples that demonstrate that they have the relevant experience to deliver the services/supplies as described in part II.2.4 of the Contract Notice or the relevant section of the Site Notice.

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## **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: [2020/S 203-494845](#)

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

9 February 2021

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

9 February 2021

Local time

12:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### **VI.3) Additional information**

Economic operators may be excluded from this competition if they are in any of the situations referred to in regulation 58 of the Public Contracts (Scotland) Regulations 2015.

The buyer is using PCS-Tender to conduct this ITT exercise. The Project code is 37890. For more information see:

<http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2343>

A sub-contract clause has been included in this contract. For more information see:

<http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2363>

Community benefits are included in this requirement. For more information see:

<http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2361>

A summary of the expected community benefits has been provided as follows:

Bidders will be required to provide community benefits as part of this procurement exercise.

(SC Ref:640566)

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

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

Glasgow Sheriff Court

Glasgow

Country

United Kingdom

#### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

An economic operator that suffers, or risks suffering, loss or damage attributable to a breach of duty under the Public Contracts (Scotland) Regulations 2015 (SI2015/446) (as amended) may bring proceedings in the Sheriff Court or the Court of Session.