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Tender

Wing Accelerator WP5.2 - In process 3D Inspection System (NDA)

University of Bristol

F02: Contract notice

Notice identifier: 2024/S 000-025246

Procurement identifier (OCID): ocds-h6vhtk-048976

Published 9 August 2024, 2:15pm

Section I: Contracting authority

I.1) Name and addresses

University of Bristol

4th Floor, Augustine's Courtyard, Orchard Lane

Bristol

BS1 5DS

Email

Carl.Boucher@nccuk.com

Telephone

+44 01179289000

Country

United Kingdom

Region code

UKK - South West (England)

Internet address(es)

Main address

www.bristol.ac.uk

I.3) Communication

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

<https://tenders.bris.ac.uk>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://tenders.bris.ac.uk>

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

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

<https://tenders.bris.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

Wing Accelerator WP5.2 - In process 3D Inspection System (NDA)

Reference number

NCC0350CB290724

II.1.2) Main CPV code

- 42000000 - Industrial machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

A set of trials, resulting in a Capital purchase, to assess high-speed inspection system to inspect plies that have been deposited and lie on a 3D tool surface or on plies stacked onto the tool.

Tools will be up to 20x5m and gently curving, with plies up to 20x2.5m. We aim to be inspecting ply shape accuracy and position on tool, material edge damage, wrinkling, folding, FOD, and validating fibre direction. The inspection system could scan the entire scene from one vantage point, or many, or be attached to an accurate CNC controlled gantry that we have in the cell in order to achieve a full ply scan. We are aiming to scan each ply within 30s.

We understand that the current state of the art (SotA) does not achieve all of this, and we wish to work with suppliers to achieve the best rate possible, and we may purchase or develop a complimentary system to fill the gaps in the existing SotA.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKK - South West (England)

Main site or place of performance

National Composites Centre

Bristol & Bath Science Park,

Feynman Way Central,

Emersons Green,

Bristol BS16 7FS

II.2.4) Description of the procurement

A set of trials, resulting in a Capital purchase, to assess high-speed inspection system to inspect plies that have been deposited and lie on a 3D tool surface or on plies stacked onto the tool.

Tools will be up to 20x5m and gently curving, with plies up to 20x2.5m. We aim to be inspecting ply shape accuracy and position on tool, material edge damage, wrinkling, folding, FOD, and validating fibre direction. The inspection system could scan the entire scene from one vantage point, or many, or be attached to an accurate CNC controlled gantry that we have in the cell in order to achieve a full ply scan. We are aiming to scan each ply within 30s.

We understand that the current state of the art (SotA) does not achieve all of this, and we wish to work with suppliers to achieve the best rate possible, and we may purchase or develop a complimentary system to fill the gaps in the existing SotA.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

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

Duration in days

365

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: Yes

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

II.2.14) Additional information

This exercise is to facilitate the signature of an NDA from perspective suppliers, prior to being invited to the main Tender. Please note this is not a 2 stage process - the closing date is for the close of the tenders, not this stage. You must allow enough time to facilitate NDA approval and tender completion before the closing date.

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

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To be added to the main tender (itt_1518 - Wing Accelerator WP5.2 In Process 3D Inspection System) you will need to complete the NDA attached and return it to us to be processed, to enable us to add your company to the main tender process.

Your company will have to be registered on the University of Bristol's Jaggaer Portal <https://tenders.bris.ac.uk>

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: No

IV.2) Administrative information

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

Date

6 September 2024

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

6 September 2024

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.3) Additional information

This exercise is to facilitate the signature of an NDA from perspective suppliers, prior to being invited to the main Tender. Please note this is not a 2 stage process - the closing date is for the close of the tenders, not this stage. You must allow enough time to facilitate NDA approval and tender completion before the closing date.

To be added to the main tender (itt_1518 - Wing Accelerator WP5.2 In Process 3D Inspection System) you will need to complete the NDA attached and return it to us to be processed, to enable us to add your company to the main tender process.

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VI.4) Procedures for review

VI.4.1) Review body

University of Bristol

Bristol

Country

United Kingdom