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Contract

The Supply of Wearable Devices to Measure Bio-Physical Parameters

Newcastle University

F03: Contract award notice
Notice identifier: 2021/S 000-025083
Procurement identifier (OCID): ocds-h6vhtk-02e969
Published 7 October 2021, 4:09pm

Section I: Contracting authority

I.1) Name and addresses

Newcastle University

Newcastle University, Procurement Services, Kingsgate

Newcastle

NE1 7RU

Contact

Dr Emma Barksby

Email

emma.barksby@ncl.ac.uk

Telephone

+44 1912086298

Country

United Kingdom

NUTS code

UKC22 - Tyneside

Internet address(es)

Main address

https://www.ncl.ac.uk

Buyer's address

https://www.ncl.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

The Supply of Wearable Devices to Measure Bio-Physical Parameters

Reference number

DN574777

II.1.2) Main CPV code

- 33000000 - Medical equipments, pharmaceuticals and personal care products

II.1.3) Type of contract

Supplies

II.1.4) Short description

Newcastle University requires devices to measure bio-physical parameters for patients involved in clinical trials. These devices are required for the EU IDEA-FAST and Mobilise-D projects. The devices were specifically chosen due to their ability to measure acceleration and rotational forces. They were also chosen for their ease of use and comfort (important for specific group participating in the studies who may have reduced mobility, dexterity and cognitive function).

II.1.6) Information about lots

This contract is divided into lots: No

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

Lowest offer: £200,000 / Highest offer: £300,000 taken into consideration

II.2) Description

II.2.2) Additional CPV code(s)

- 33100000 - Medical equipments

II.2.3) Place of performance

NUTS codes

- UKC22 - Tyneside

II.2.4) Description of the procurement

Newcastle University requires devices to measure bio-physical parameters for patients involved in clinical trials. These devices are required for the EU IDEA-FAST and Mobilise-D projects. The devices were specifically chosen due to their ability to measure acceleration and rotational forces. They were also chosen for their ease of use and comfort (important for specific group participating in the studies who may have reduced mobility, dexterity and cognitive function). The AX6 is an accelerometer data logger developed by Axivity that is worn with a provided wristband or can be attached elsewhere on the body with a patch. AX6 features a 6-axis accelerometer, temperature sensor, light sensor, real time quartz clock and an on-board memory for data storage. Sampling rate and range are configurable which enables it to be optimized to different uses. Collection up to 16 days is possible at 100Hz without recharging. The long battery life and high-resolution data make it ideal for collecting longitudinal movement data in clinical trials. Data is stored on the device and requires manual transfer. There is a large repository of AX3 data (~100,000 subjects [12]) within the UK biobank and has over 20 peer reviewed publications including disease populations of interest to IDEA-FAST, e.g., people with

Parkinson’s.

The device has been tested in patients with Parkinson's disease, Inflammatory Bowel Disease, Rheumatoid Arthritis, Systemic Lupus Erythematosus, Huntington's disease and Primary Sjogren's Syndrome across clinical hospital sites within the EU with positive feedback from both patients and clinical staff.

II.2.5) Award criteria

Quality criterion - Name: Ability to meet the technical specification / Weighting: 50

Price - Weighting: 50

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: Yes

Identification of the project

IDEA-FAST and Mobilise-D

II.2.14) Additional information

Newcastle University requires devices to measure bio-physical parameters for patients involved in clinical trials. These devices are required for the EU IDEA-FAST and Mobilise-D projects. The devices were specifically chosen due to their ability to measure acceleration and rotational forces. They were also chosen for their ease of use and comfort (important for specific group participating in the studies who may have reduced mobility, dexterity and cognitive function).

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
  - absence of competition for technical reasons

Explanation:

Newcastle University requires devices to measure bio-physical parameters for patients involved in clinical trials. These devices are required for the EU IDEA-FAST and Mobilise-D projects. The devices were specifically chosen due to their ability to measure acceleration and rotational forces. They were also chosen for their ease of use and comfort (important for specific group participating in the studies who may have reduced mobility, dexterity and cognitive function). There are no other devices that can measure the specific parameters required and which are suitable to the selected population in the clinical trial.

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section V. Award of contract

Contract No

NU/1726

Lot No

1

Title

The Supply of Wearable Devices to Measure Bio-Physical Parameters

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

7 October 2021

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 0

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

Axivity Ltd

Bath Lane

Newcastle upon Tyne

NE4 5FT

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

Yes

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

Lowest offer: £200,000 / Highest offer: £300,000 taken into consideration

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Newcastle University

Newcastle upon Tyne

Country

United Kingdom

VI.4.2) Body responsible for mediation procedures

Newcastle University

Newcastle upon Tyne

Country

United Kingdom

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

Newcastle University will incorporate a minimum 10 calendar day standstill period at the point information on the award of the contract is communicated to tenderers. This period allows unsuccessful tenderers to seek further debriefing before the contract is entered into. Applicants have 2 working days from notification of the award decision to request additional debriefing and 4 / 4 that information has to be provided a minimum of 3 working days before expiry of the standstill period. Such additional information should be requested from the address referred to in part 1.1 above. If an appeal regarding the award of a contract has not been successfully resolved, the Public Contracts Regulations 2015 provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rules to take action in the High Court (England, Wales and Northern Ireland). Any such action must be brought promptly. Where a contract has not been entered into the Court may order the setting aside of the award decision or order the authority to amend any document and may award damages. If the contract has been entered into the Court may only award damages