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Contract

SBRI Competition - Welsh Ambulance: Changing the Way We Deliver Emergency Care

SBRI

F03: Contract award notice

Notice identifier: 2024/S 000-039806

Procurement identifier (OCID): ocds-h6vhtk-03b23a

Published 10 December 2024, 4:31pm

Section I: Contracting authority

I.1) Name and addresses

SBRI

SBRI Centre of Excellence, IM&T Building, Wrexham Maelor Hospital,,

Wrexham

Email

SBRI.COE@wales.nhs.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<http://nwssp.nhs.wales/ourservices/procurement-services/>

Buyer's address

https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0221

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Health

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

SBRI Competition - Welsh Ambulance: Changing the Way We Deliver Emergency Care

II.1.2) Main CPV code

- 33100000 - Medical equipments

II.1.3) Type of contract

Supplies

II.1.4) Short description

This is a Small Business Research Initiative (SBRI) Competition funded by the Welsh Government. SBRI funds the Research and Development of new exciting, innovative solutions to address unmet needs where no readily available market solution exists

Applications are invited for an exciting opportunity for funding to work with the Welsh Ambulance Services Trust (WAST) and Health Boards within Wales to reduce the unprecedented demand on both ambulances and Urgent & Emergency Care services across Wales.

Our patients are waiting longer than they should for an ambulance response and once at hospital (Emergency Department (ED)), can spend a considerable amount of time in the

ambulance before handover to the ED clinical teams.

We would like to be able to transform the way urgent and emergency care is given, looking to support WAST's strategic ambition to care for more patients in their own home or in a community setting, thus safely reducing the number of patients requiring conveyance to hospital.

We would like to invite industry to enable us to provide care closer to home. Innovative solutions are sought to enhance one (or more) of the themes:

- Improving capabilities in the pre-hospital setting that can enable patients to be cared for closer to home. This could include Point of Care Testing (e.g. blood tests with rapid results), wearable technology solutions and mobile scanning equipment; and
- Use of technology to support patient care, enhance communication and improve patient safety during initial diagnosis or in cases of prolonged community waits for an ambulance or 111 response, or awaiting an urgent appointment at a place definitive care”.

Phase 1: Development – From a total of 225,000, we expect to fund up to 3 projects up to a value of 75,000 (inclusive of VAT) each.

Note: Only projects successful at Phase 1 will be eligible to apply to Phases 2 and 3.

Phase 2: Testing – This Phase will be to robustly test, in a real-life environment, up to 3 of the successful Phase 1 solutions from a total fund of up to 800,000. We expect to fund up to 3 projects at up to 265,000 (inclusive of VAT) each.

In applying to this Phase 1 competition, you are entering into a competitive process. Any adoption and implementation of a solution from this competition would be subject to a separate, possibly competitive, procurement exercise. This competition does not cover the purchase of any solution, although we will investigate and explore innovative procurement routes as part of this challenge, should a successful solution emerge.

SBRI Competitions are open to all organisations that can demonstrate a route to market for their solution.

Communication:

Additional information, links to a recorded Briefing Event and online Application Form can be found at:

<https://sbri.simplydo.co.uk/challenges/63cfa27a49c54055fa0c7ccb?utm-link=64084556b73902149bc0cbef>

II.1.6) Information about lots

This contract is divided into lots: Yes

II.2) Description

II.2.1) Title

Phase 1 - SBRI Competition - Welsh Ambulance: Changing the Way We Deliver Emergency Care

Lot No

1

II.2.2) Additional CPV code(s)

- 33100000 - Medical equipments
- 38500000 - Checking and testing apparatus
- 33124100 - Diagnostic devices

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The SBRI Centre of Excellence is funded by Welsh Government and hosted within Betsi Cadwaladr University Health Board to work with Public Sector Bodies to identify and resolve unmet needs/challenges within health. We do this by running competitions inviting Industry and Academia to work with us to develop innovative and exciting solutions to improve the health and wellbeing of those living in Wales.

Working with the Welsh Ambulance Service Trust (WAST) we would like to invite industry to enable us to provide care closer to home. Innovative solutions are sought to enhance one (or more) of the following themes:

Improving capabilities in the pre-hospital setting that can enable patients to be cared for closer to home. This could include Point of Care Testing (e.g. blood tests with rapid results), wearable technology solutions and mobile scanning equipment; and

Use of technology to support patient care, enhance communication and improve patient safety during initial diagnosis or in cases of prolonged community waits for an ambulance or 111 response, or awaiting an urgent appointment at a place of definitive care.

We are looking for solutions that will provide a positive outcome with high-impact for the population of Wales. In particular, demand for ambulance/Urgent and Emergency Care services is high for:

People that have fallen - patients that have been on the floor for a significant amount of time (long lies);

People experiencing respiratory problems – especially acute exacerbations of chronic conditions; and

People experiencing chest pain – where the nature of the pain cannot currently be confirmed in the pre-hospital setting.

There are many diagnostic solutions on the market. This challenge aims to bring solutions together to develop an ambulance sector solution for use in the pre-hospital environment.

We are looking to identify, develop and demonstrate technology and equipment that could:

Be suitable for mobile use (pre-hospital use);

Fit into the current infrastructure and be deployable across vehicle types;

Use artificial intelligence, augmented technology and or natural language processing to enhance current systems and processes;

Be suitable for use across pre-hospital clinical professionals/response personnel;

Support appropriate use of ambulances by the community;

Build community resilience to support patients at home during an episode of urgent/emergency care need;

Enable decision making and care to be provided closer to home;

Support patients' continued independent living;

Complement and encourage community support; and

Be sustainable and affordable for both the public sector and the patient.

Out of Scope:

Replacement of vehicles; and

Integration to any national systems.

Challenge phases structure

Phase 1: Development – From a total of 225,000, we expect to fund up to 3 projects up to a value of 75,000 (inclusive of VAT) each.

Note: Only projects successful at Phase 1 will be eligible to apply to Phases 2 and 3.

Phase 2: Testing – This Phase will be to robustly test, in a real-life environment, up to 3 of the successful Phase 1 solutions from a total fund of up to 800,000. We expect to fund up to 3 projects at up to 265,000 (inclusive of VAT) each.

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The total funding available for the competition can change. The funders have the right to:

Adjust the provisional funding allocations between the phases;

Apply a 'portfolio' approach; and

Fund a Phase 3 to allow thorough, more widespread testing of the developed solutions.

II.2.5) Award criteria

Price

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) Description

II.2.1) Title

Phase 2 - SBRI Competition - Welsh Ambulance: Changing the Way We Deliver Emergency Care

Lot No

2

II.2.2) Additional CPV code(s)

- 33100000 - Medical equipments
- 33124100 - Diagnostic devices
- 38500000 - Checking and testing apparatus

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

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Be suitable for use across pre-hospital clinical professionals/response personnel;

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Build community resilience to support patients at home during an episode of urgent/emergency care need;

Enable decision making and care to be provided closer to home;

Support patients' continued independent living;

Complement and encourage community support; and

Be sustainable and affordable for both the public sector and the patient.

Out of Scope:

Replacement of vehicles; and

Integration to any national systems.

Challenge phases structure

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II.2.5) Award criteria

Price

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

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: [2023/S 000-007211](#)

Section V. Award of contract

Contract No

N/a

Lot No

1

Title

Phase 1 - SBRI Competition - Welsh Ambulance: Changing the Way We Deliver
Emergency Care

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

N/a

Lot No

2

Title

Phase 2 - SBRI Competition - Welsh Ambulance: Changing the Way We Deliver
Emergency Care

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section VI. Complementary information

VI.3) Additional information

Links to notice (Notice_128676)

(WA Ref:146668)

VI.4) Procedures for review

VI.4.1) Review body

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

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+44 2079477501

Country

United Kingdom