DPS/09/APDI/21/AB – Air Purification, Decontamination and Isolation Systems Dynamic Purchasing System

OUTLINE SPECIFICATION

OUTLINE SPECIFICATION

1. Introduction

1.1 NHS Organisations and other public sector bodies have a responsibility to their staff, patients, visitors and/or other service users to keep them safe. Air purification and decontamination devices utilise a variety of methods to remove, minimise or otherwise eliminate contaminants in the air – these may include pollutants, allergens or airborne pathogens. Temporary patient isolation units can be used to isolate patients with infectious diseases in order to protect staff and other patients without requiring individual rooms for each patient.

1.2 The purpose of this document is to provide a description of the Goods that a Supplier may be required to deliver to Contracting Authorities via this Dynamic Purchasing System.

2. Lots

2.1. The Goods are divided into two Lots:

Lot 1 – Air Purification and Decontamination
Lot 2 – Temporary Patient Isolation Units

2.2. The Goods within each Lot are contained in sections 4 and 5 of this Outline Specification and are not an exhaustive list. Contracting Authorities may require other similar Goods, which will be detailed in the Call Off Contract award procedure. The scope of the Goods for each Lot shall remain as described in this Outline Specification and the Find a Tender Notice.

2.3. Requirements and Key Performance Indicators (KPIs) that apply to the Goods for each Lot are not set out in this Specification but will be set out by the Contracting Authority during the Call Off Contract award procedure.

3. Mandatory Requirements (All Lots)

3.1. The Supplier shall meet the Lot-specific mandatory requirements listed below in sections 4 and 5, for each Lot to which they are appointed under this Dynamic Purchasing System.

3.2. The obligations set out in this Outline Specification are in addition, and without prejudice, to what is set out in any Call Off Contract.

3.3. All products supplied must be compliant with all relevant safety and efficacy standards, and any relevant UK, BS EN or ISO standards that are adopted during the DPS period.

4. Lot 1 Air Purification and Decontamination

The Goods covered under this Lot pertain to the purification and/or decontamination of air including systems, related consumables and accessories and ongoing maintenance. Systems may include but not be limited to, free-standing units, fitted units or those

integrated into HVAC systems. Systems are expected to be able to operate whilst the room, area or building is in use.

Air purification and decontamination systems included under this Lot may use one or more of a range of methods to achieve the end results. These may include, but are not limited to:

- Air filters, including High-Efficiency Particulate Air (HEPA) filters
- Air ionisation
- UV-C light

The scope includes installation and fitting of systems where applicable. Suppliers shall agree the scope of works with the Contracting Authority at Call Off stage prior to commencement of the Contract.

4.1 General requirements

4.1.1 The equipment supplied must be suitable for use by the Contracting Authority's own staff, or those of its services supplier, following appropriate training.

4.1.2 Any employees or sub-contractors involved in installation and fitting must hold appropriate qualifications for the task(s) they are undertaking.

4.2 Air Purification and Decontamination Systems (including consumables)

4.2.1 Systems supplied must be able to purify and/or decontaminate air.

4.2.2 Air purification and/or decontamination systems must be able to operate continuously.

4.2.3 Evidence of air purification and/or decontamination efficacy must be available. Such evidence of efficacy will preferably be independently verifiable.

4.2.4 The air flow rates of the air purification and decontamination systems will be clearly stated.

4.2.5 The equipment will be supplied with any non-consumable items required to operate the equipment safely. Details of these items must be made available by the Supplier.

4.2.6 If consumable items are required for the operation of the air purification and decontamination system, the Supplier must supply a range of consumables matched to the Supplier's equipment. Details of all consumable items required for and/or optional for use with the equipment must be made available by the Supplier.

4.2.7 The Supplier must supply the range of consumables described in clause 4.2.6 that is compatible with any air purification and decontamination system that is withdrawn from sale for a period of seven (7) years after the withdrawal from sale date.

4.2.8 Replacement of filters, bulbs etc. and/or consumables must be easy to do for trained maintenance staff of the Contracting Authority.

4.2.9 All products provided by the Supplier under the Framework Agreement will be CE certified under the relevant directive and/or UKCA certified under the relevant

legislation. Products placed on the Northern Ireland market, will be CE marking and/or UKNI certified.

4.2.10 Contracting Authorities may request Goods that are not listed above but fall within the reasonable scope of Air Purification and Decontamination. Suppliers may expand their product offering to meet the Contracting Authority's needs.

4.3 Maintenance, Warranty and Support

4.3.1 Air purification and decontamination systems will be provided with a comprehensive warranty of at least 12 months duration from the date of delivery or acceptance, whichever is later, covering all air purification and decontamination equipment and parts.

4.3.2 Products must be fit for purpose and operate (subject to proper maintenance in accordance with manufacturers' recommendations) as intended throughout the duration of this warranty period.

4.3.3 Comprehensive operating instructions will be provided by the Supplier in Plain English in a form that is easily accessible to users at all times.

4.3.4 Servicing, maintenance and/or cleaning of the system must not unduly interrupt air purification and/or decontamination or the normal operation of the Contracting Authority's site.

4.3.5 Any maintenance required must be undertaken with the minimum disruption.

5. Lot 2 Temporary Patient Isolation Units

The Goods covered under this Lot will include temporary patient isolation units including but not limited to rooms, chambers and stretchers, that can effectively isolate patients without requiring separate wards, or whilst moving patients, along with related consumables and ongoing maintenance. These will include but not be limited to:

- Those equipped with HEPA filters and/or other air purification devices
- Those equipped with positive or negative air pressure systems
- Portable chambers and/or stretchers

5.1 General requirements

5.1.1 The equipment supplied must be suitable for use by the Contracting Authority's own staff, following appropriate training.

5.2 Temporary Patient Isolation Units (including consumables)

5.2.1 Temporary patient isolation units supplied will be capable of effectively isolating patients. This may include but not limited to contact isolation and/or droplet isolation precautions.

5.2.2 Air flow rates, filtration level, efficacy and number of air changes per hour will be clearly stated where applicable.

5.2.3 Evidence of the effectiveness of products in isolating a patient from the general environment will be available to Contracting Authorities. Such evidence of efficacy will preferably be independently verifiable.

5.2.4 Evidence demonstrating how products provided under this Lot are tested to ensure they deliver the stated efficacy and/or effectiveness will be available to Contracting Authorities.

5.2.5 The design of the temporary patient isolation unit will permit hospital staff to undertake necessary care and duties.

5.2.6 The equipment will be supplied with any non-consumable items required to operate the equipment safely and effectively. Details of these items must be made available by the Supplier.

5.2.7 If consumable items are required for the operation of the temporary patient isolation unit, the Supplier must supply a range of consumables matched to the Supplier's equipment. Details of all consumable items required for and/or optional for use with the equipment must be made available by the Supplier.

5.2.8 The Supplier must supply the range of consumables described in clause 5.2.7 that is compatible with any temporary patient isolation unit that is withdrawn from sale for a period of seven (7) years after the withdrawal from sale date.

5.2.9 Replacement of filters, bulbs etc. and/or consumables must be easy to do for trained maintenance staff of the Contracting Authority.

5.2.10 The minimum space requirements will be clearly stated, where applicable.

5.2.11 All products provided by the Supplier under the Framework Agreement will be CE certified under the relevant directive and/or UKCA certified under the relevant legislation. Products placed on the Northern Ireland market, will be CE marking and/or UKNI certified.

5.2.12 Contracting Authorities may request Goods that are not listed above but fall within the reasonable scope of Temporary Patient Isolation Units. Suppliers may expand their product offering to meet the Contracting Authority's needs.

5.3 Maintenance, Warranty and Support

5.3.1 Temporary patient isolation units featuring electrical and/or mechanical parts will be provided with a comprehensive warranty of at least 12 months duration from the date of delivery or acceptance, whichever is later, covering all equipment and parts.

5.3.2 Products must be fit for purpose and operate (subject to proper maintenance in accordance with manufacturers' recommendations) as intended throughout the duration of this warranty period.

5.3.3 Comprehensive operating instructions will be provided by the Supplier in Plain English in a form that is easily accessible to users at all times.

6. Management of the Dynamic Purchasing System

6.1. The Supplier shall provide the DPS Manager with timely, accurate and complete Management Information (MI) Reports each Month on the Reporting Date using the MI Reporting Template. The MI Reporting Template is provided as a separate attachment titled “6. DPS09 - MI Reporting Template” for information.

6.2. The DPS Manager will monitor expenditure through the Supplier’s MI Reports. A Management Levy of 1.5% of all Charges invoiced to Contracting Authorities throughout the duration of each Call Off Contract will be invoiced based on this information. Call Off Contracts may exceed the DPS expiry date and in such cases the Management Levy will continue to be paid until the Call Off Contract expiry date. Invoices will be issued monthly and will be due within 30 days.