

DPS/08/IWS/20/AB – Innovative Waste Solutions

OUTLINE SPECIFICATION

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Innovative Waste Solutions

1. Introduction

The aim of this DPS is to provide a compliant route to market for innovative solutions for the management, minimisation and/or disposal of waste and associated services. These will work to:

- Reduce waste produced
- Reduce waste to landfill
- Increase recycling, including materials that are hard to recycle and traditionally go to landfill or incineration
- Innovative methods of processing waste
- Re-streaming waste
- Diverting waste from more polluting/more expensive waste streams to more economical/environmentally friendly routes
- Reducing the environmental impact of waste produced

The intention is to handle waste in an innovative way, to increase recycling, reduce waste to landfill, re-direct to alternative routes, create reusable materials and/or otherwise improve the sustainability and reduce the environmental impact of Contracting Authorities.

Suppliers will be required to self-certify that they meet all current legislation and regulations as relevant to their products and/or services.

Any equipment or products supplied must comply with all relevant legislation and regulatory requirements, including but not limited to CE marking (or equivalent) where required.

Where waste is being moved off the Participating Authority's site(s), providers must hold appropriate licences, certification and meet the appropriate legislative and regulatory standards for the waste being transported. Drivers must be appropriately qualified for to transport these waste streams.

2. Scope

These Goods and Services pertain to the management, minimisation and/or disposal of waste, and associated services.

These measures may include provision and installation of Goods including new equipment, optimisation of equipment (including existing equipment) and provision of related Services.

Additional services may be required by Contracting Authorities to meet their requirements.

The Scope of Innovative Waste Solutions may include but is not limited to:

- Methods of on- or off-site treatment, recycling, processing and/or disposal of waste

- Installation of equipment for on-site treatment, recycling, processing and/or disposal of waste
- Waste minimisation and/or reduction
- Waste audits and/or assessments and/or environmental impact assessments
- Energy from waste
- Reduce the environmental impact of waste produced
- Recycling of hard to recycle materials

Contracting Authorities may request Goods and Services that are not listed above but fall within the reasonable scope of Innovative Waste Solutions. Providers may expand their service delivery to meet the Contracting Authorities business needs as they develop their strategies.

The scope includes provision for Providers to offer financing, lease or capital purchase options on request to support the delivery of these services.

Providers shall have the ability to deliver one or more of the Goods and Services listed in this Outline Specification.

Providers shall agree the scope of works with the Contracting Authority at Call Off stage prior to commencement of any Services.

2.1. Methods of on- or off-site treatment, recycling, processing and/or disposal of waste

These methods may include, but are not limited to:

- Treatment and/or processing of alternative treatment waste / clinical waste / hazardous waste and/or other wastes to allow it to be disposed of in a lower cost waste stream (including but not limited to heat treatment and ozonation)
- Processing of waste into inert product to be used in energy from waste plants
- Processing of waste to reduce volume and minimise waste to landfill
- Collection, treatment, recycling and/or processing of waste streams that are usually sent to landfill or for incineration
- Diverting waste from landfill through utilising alternative solutions
- Processing of one or more waste streams into a material or product that has a market value for re-use

This list is not exhaustive. The Scope includes any innovative solution for managing, treating, processing, recycling and/or disposing of waste on- or off-site.

2.2. Installation of equipment for on-site treatment, recycling, processing and/or disposal of waste

Equipment offered may serve one or more of a variety of purposes, including but not limited to:

- Recycling one or more materials on site, including those that are not routinely recycled
- Collection and/or processing of materials on site for recycling or re-use, including those that are not routinely recycled

- Smart equipment
- On-site incinerators
- Collection and/or processing of food waste on site
- Collection, processing and/or treatment of materials for alternative use, including but not limited to energy from waste
- Equipment for methods listed in clause 2.1 of this Outline Specification

This list is not exhaustive. The Scope includes installation of any equipment for on-site treatment, recycling, processing, re-processing and/or disposal of waste that will reduce the environmental impact of waste produced by a Participating Authority, either directly or indirectly.

2.3. Waste minimisation and/or reduction

This includes one or more of a range of methods may be used to minimise and/or reduce the waste produced by a site, minimise waste to landfill and/or increase reuse or recycling of waste, or otherwise reduce the environmental impact of waste produced by a Contracting Authority. These may include, but are not limited to:

- Staff training
- Improved segregation
- Development and/or provision of literature to support behavioural changes in staff and/or visitors to site
- Provision of equipment to minimise waste collections and/or optimise collection routes, including but not limited to compacting bins, smart bins and solar bins

This list is not exhaustive; any innovative solutions that minimise and/or reduce the waste produced by a site, minimise waste to landfill and/or increase reuse or recycling of waste are included within the Scope.

2.4. Waste audits/assessments

Audits/assessments may serve a range of purposes including, but not limited to:

- Improving management and/or disposal of waste on site
- Reduction in environmental impact of waste produced on site
- Increasing recycling
- Reducing waste to landfill
- Improving waste segregation
- Audit of waste streams
- Waste sampling and pre-assessment service
- Laboratory analysis of waste samples

Providers shall produce a report identifying evidence of any issues identified and provide a recommendation of works required to improve in the required areas, including an estimate of any costs.

The Contracting Authority has the right to, but will not be obliged to, request and pay for any Goods and/or Services pertaining to the measures identified in the report from the Provider.

If the Contracting Authority chooses to utilise the Services of the Provider to implement the Goods and/or Services pertaining to the measures identified in the report, the Provider shall ensure sufficient auditable measurement and verification to validate the savings arising from implementation of the programme of works.

2.5. Energy from waste

This includes, but is not limited to:

- Moving from disposal in landfill to utilising energy from waste plants for non-recyclable waste
- Production of biofuels from waste products

This list is not exhaustive. The Scope includes any solution involving the production of energy from waste products, thereby reducing the environmental impact of waste and its disposal, and improving sustainability.

This will ideally utilise sites in the UK to minimise the export of waste, but may utilise sites abroad if necessary to ensure landfill is not used.

2.6. Recycling and/or reuse of hard to recycle materials

There is a wide range of materials that are not routinely recycled but for which there are processes to recycle and/or reuse. Recycling and/or reuse of these materials to divert them from landfill, incineration or from more expensive clinical, hazardous and/or offensive waste streams is included in the Scope.

Where diverting from clinical, hazardous and/or offensive waste streams, processing methods must render the output product inert or otherwise no longer applicable to the aforementioned classifications.

This may include but not be limited to:

- Installation of equipment for processing these materials
- On- or off-site processing, recycling and/or reuse
- Staff training
- Re-sale of processed materials and/or rebates where appropriate

3. Supplier Accreditations and Standards

Suppliers will be required to self-certify that they meet all current legislation and regulations as relevant to their products and/or services.

The individual standards and certifications required will vary depending on the scope of each project. The specific requirements will be agreed during the contract award process for each Call-off Contract. The Supplier will be required to meet all statutory requirements relevant to each Call-off Contract, whether or not they are specifically listed within contractual documentation.

The following sections provide an overview of the likely requirements the successful Supplier will be required to have and/or to meet as a minimum.

Where a standard is listed, this includes any amendments to the standard, or any equivalents to the standard that are applicable to Scotland, Wales or Northern Ireland.

Where a standard is required, equivalent standards will be considered, however the Supplier will be required to demonstrate the equivalence to the Client prior to Call-off Contract award.

3.1. General Standards

The Supplier must adhere to best practice industry standards to which their goods and/or services relate at all times.

Examples of general standards, certifications and licences which may apply to individual Call-off Contracts include, but are not limited to, the following:

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018 or OHSAS 18001:2007
- Waste Carrier Registration Certificate(s)
- Waste Broker Registration Certificate
- Mobile Plant Licence(s)
- Exemption(s) from waste management licensing
- Local Authority Authorisation(s)
- Transfer Station Licence(s)
- Environmental Permit(s) for the treatment and/or transfer of Healthcare Waste and Hazardous Healthcare Waste Streams
- Integrated Pollution Prevention and Control (IPPC) Permits & Pollution Prevention and Control (PPC) Permit(s)
- Copy of sub-contractor licence(s) and permit(s) where applicable
- Copies of up-to date weighbridge equipment documentation
- DGSA Certificate
- WEEE Certificate(s)
- Environmental Permits
- Scrap Metal Dealer Site Licence
- Hazardous Waste Consignment Notes
- Any amendments to the above.
- Any equivalents to the above that are applicable to Scotland, Wales or Northern Ireland

Examples of relevant trade bodies/association and institutions of which membership may be a requirement include but are not limited to:

- Chartered Institute of Waste Management (CIWM)
- Waste Management Industry Training and Advisory Board (WAMITAB)
- Environmental Services Association

- 3.1.1. Suppliers will ensure that all waste is treated by approved methods that are authorised by the local authority and/or Environment Agency, as appropriate. Any treatment processes operating without appropriate authorisation must not be used.
- 3.1.2. The Supplier must carry out all works expeditiously and in strict compliance with all relevant legislation. This shall include (but is not limited to): Control of Pollution Act 1974, Health and Safety at Work Act 1974, Control of Pollution (Amendment) Act 1989, Environmental Protection Act 1990, Environmental Permitting Regulations 2010 (SI 675) along with any amendments to the above and all other statutory obligations not specifically referred to.
- 3.1.3. Section 34(1) of the Environmental Protection Act 1990 imposes a duty of care on any person who imports, produces, carries, keeps, treats or disposes of controlled waste or, as a broker, has control of such waste. Suppliers are to ensure they, and any sub-contractors, are fully compliant with their responsibilities under this Act.
- 3.1.4. Under the Environmental Protection Act 1990, the person transferring the waste and the person to whom it is transferred must complete and sign a waste transfer note containing specific information, copies of which must be held for two years, and provided to a waste regulation authority if required to do so by the authority.
- 3.1.5. The Supplier must ensure that any person or organisation involved in activities under or related to this contract has any authorisations that are required under any statute, regulation or by-law of any local authority; or any statutory undertaking or any common law. The Supplier shall provide on request copies of any documents that may be required by the Participating Authority(s) and the Framework Manager to fulfil its duty of care under the Environmental Protection Act Section 34.
- 3.1.6. Reportable incidents (i.e. RIDDOR) whilst undertaking work on behalf of the Contracting Authority must be reported on the appropriate Accident/Incident Form and copies forwarded to the authorised officer.

4. Management of the Dynamic Purchasing System

- 4.1. 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.
- 4.2. The DPS Manager will monitor expenditure through the Supplier's MI Reports. A Management Levy of 1% 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.