

**Specification for the provision of Mobile Plant  
Equipment Hire & Maintenance – Hornsey Street  
Transfer Station  
Contract Reference CRN00766**

## **Contents**

[to be updated upon completion]

## Preamble

LondonEnergy Ltd (The Company) own and operate the EcoPark Energy Centre located in Edmonton, London. The Energy Centre has five boilers burning approximately 500,000 tonnes of domestic refuse per year in a continuous 24-hour operation, 7 days per week. The waste is delivered by road via the weighbridges/gate house by various types of transport. The waste is tipped and held in storage bunkers. Waste is fed by three 5m<sup>3</sup> grabbing cranes from the storage bunkers to the feed chutes of each boiler. Each of the water tube boilers is operated to achieve an evaporation rate of 40 tonnes per hour, at a steam pressure of 41.5 Bar and temperature of 415°C. Material which remains after the incineration process is transferred to the residual conveyors for onward transfer for further treatment and recycling.

The Parties acknowledge that the purpose of this contract is the Mobile Plant Equipment Hire and Maintenance by the Contractor.

## 1. Definitions

The words and phrases used in this Specification Schedule shall bear the same meanings as defined in the contract, save that the following words shall be assigned the following meanings for the purposes of interpreting this Schedule in the context of this contract:

- 1.1            [“Affected Property means location of Hornsey Street Waste Transfer Station, 40-42 Hornsey Street, London, N7 8HU]

“Dry Mixed Recycling” means recyclable products that can be processed into a material for use.

- 1.2            “Energy Centre” means the Client’s waste incineration facility located at the Affected Property.

- 1.3 “Mobile Plant” means any equipment, appliance, vehicle, container, implement or tool that is not exclusively reliant on manual power for it to function for its intended purpose.
- 1.4 “Operator” means any employee of the company who has been given authorisation from the Company to operate equipment supplied by the contractor.
- 1.5 “Transfer Station” means the Waste Transfer Station operated by the company located at 40-42 Hornsey Street, London, N7 8HU.

## **2. The Service**

- 2.1 The Contractor shall provide the following service to the Client for the duration of the service period:
- 2.2 The contract term shall be for three (3) years with the option to extend for a further two (2) years.
- 2.3 [1 x Volvo L90H]
- 2.4 Loading Bucket  
Tip of lip bucket 4.5m capacity with trash guard  
RUBBER BLADE 48” – Medium 911M  
1” Lock Washers – Medium Blade (qty: 13)  
PLOUGH BOLT 1 x 4 (qty:13)  
PLOUGH NUT 1 “ (qty: 13)

Windscreen Cage Protection to fully protect the operator from debris falling from the bucket whilst maintaining maximum all round visibility.

Roll Over Protective Structures (ROPS) & Falling Object Protective Structure (FOPS) sound insulated safety cab with environmental controls.

All Cabs to be fitted with Air Conditioning.

Air Pre-Cleaner to deal with dusty environment.

Reversing Camera

Amber warning beacon, audible reversing warning and standard reversing lights, red seat belts.

Guarantee that plant supplied will be able to run on solid TY cushion tyres and without detriment to the plant or operator.

Auto-lube on board dispenser for difficult to access greasing points, manual lubrication to ground standing operator greasing points.

Automated engine cut off that shall activate with warning if plant is left in idle mode duration for longer than 3 minutes.

Additional guarding around hydraulic hoses to minimise risk and wear and tear when in contact with waste.

Reduced emissions (compliant with all current and planned legislation regarding emission control) – Euro 6 engines

Fire Suppression System

Plant Tracking System

Load weighing systems to be installed on loading bucket to weigh material being loaded into hoppers or vehicles/containers.

Hydraulic isolator switch to ensure complete shut down of plant in an emergency.

Additional brush attachment option included required.

1 x Volvo L70 H

## 2.1 Loading Bucket

Tip of lip bucket 4.5m capacity with trash guard

RUBBER BLADE 48" – Medium 911M

1" Lock Washers – Medium Blade (qty: 13)

PLOUGH BOLT 1 x 4 (qty:13)

PLOUGH NUT 1 " (qty: 13)

Windscreen Cage Protection to fully protect the operator from debris falling from the bucket whilst maintaining maximum all round visibility.

Roll Over Protective Structures (ROPS) & Falling Object Protective Structure (FOPS) sound insulated safety cab with environmental controls.

All Cabs to be fitted with Air Conditioning

Air Pre-Cleaner to deal with dusty environment.

Reversing Camera

Amber warning beacon, audible reversing warning and standard reversing lights, red seat belts.

Automated engine cut off that shall activate with warning if plant is left in idle mode duration for longer than 3 minutes.

Additional guarding around hydraulic hoses to minimise risk and wear and tear when in contact with waste.

Reduced emissions (compliant with all current and planned legislation regarding emission control) – Euro 6 engines

Guarantee that plant supplied will be able to run on solid TY cushion tyres and without detriment to the plant or operator.

Auto-lube on board dispenser for difficult to access greasing points, manual lubrication to ground standing operator greasing points.

Fire Suppression System

Plant Tracking System

Load weighing systems to be installed on loading bucket to weigh material being loaded into hoppers or vehicles/containers.

Hydraulic isolator switch to ensure complete shutdown of plant in an emergency.

 1 x JCB 3CX/JCB 4CX/JCB 5CX

Amber warning beacon, audible reversing warning and standard reversing lights.

Front mounted bucket – 1 piece 50mm wear edge

Front solid tyres

Fire Suppression System

Plant Tracking System

Windscreen Cage Protection to fully protect the operator from debris falling from the bucket whilst maintaining maximum all round visibility.

Isolator or emergency stop switch to ensure complete shut down of plant in an emergency.

Reduced emissions (compliant with all current and planned legislation regarding emission control) – Euro 6 engines

Automated engine cut off that shall activate with warning if plant is left in idle mode duration for longer than 3 minutes.

All Cabs to be fitted with Air Conditioning

Air Pre-Cleaner to deal with dusty environment.

Reversing Camera

Additional guarding around hydraulic hoses to minimise risk and wear and tear when in contact with waste.

All Cabs to be fitted with Air Conditioning.

Rear Selector Grab Attachment required for sorting recyclable materials such as metal, wood, mattresses.

### **3 The Collection Point/Affected Property/Treatment Site**

3.1 The Affected Property operates 7 x days a week. Operating hours are:

Mon	07:00am-00:00
Tues-Sat	07:00am-23:30
Sunday	08:00am-17:00

Closed only Christmas Day & New Years Day

### **4 Frequency of Collection/Service/Testing**

4.1 The Contractor shall provide a fully inclusive repairs and maintenance package within the base price to include collection charges and costs.



The Contractor shall guarantee that in the event of plant and equipment failure not caused by the Operator or their agents or in excess of 24 hours, the Contractor shall undertake to supply an equivalent plant at their own cost.

In the event that the Contractor is not able to supply a replacement within the agreed timeframe the Company may seek to replace with another hired plant.

The contractor shall reimburse the Company the full cost of replacement and shall include any transportation costs incurred as a result of this.

All plant and equipment shall hold a minimum of 12-month warranty.

The Contractor is to ensure that in the event of any breakdowns (within the company's operating hours) a qualified engineer shall be sent out to site to rectify within 2 hours from notification, to investigate and or remedy the fault and or supply replacement plant.

All parts failing due to general and expected wear and tear are to be replaced the Contractor at their cost. The Contractor will produce a list of parts and components which will fall within this category and are exempt within 1 month of the contract commencing.

All servicing is to be carried out in accordance with manufacturer's guidance and to the manufacturer's minimum recommended specifications.

Copies of all service records and annual inspections will be supplied to the company within 7 working days of all works being completed and retained by the Contractor for a period of 3 years from the expiry of agreement.

Upon completion of any and all servicing, maintenance and or repair works the Contractors engineer must supply a signed handover

document which states what work has been undertaken and that the plant is now safe, fit for use, fully serviceable and meets all Health & Safety requirements e.g. LOLER or PUWER certification has been issued.

Costs for all part, labour and travel through wear and tear are to be included.

Solid tyres are to be supplied to begin with as a one of and thereafter will be replaced/repaired by the Company.

## **5 Health, Safety and Environment**

- 5.1 The Company regards the provision of a safe and healthy working environment on its sites as a principal objective. This objective can only be achieved by the co-operation of its employees, Suppliers, Contractors and sub-contractors. Co-operation must be at all levels within these different organisations.
- 5.2 The Company managers and supervisors are responsible for the safety of employees, Contractors, Suppliers and Visitors in their charge and must ensure that policies and procedures are made known and are observed. It is their responsibility to ensure the effective delegation of these duties during their absence.
- 5.3 Employees, Suppliers, Contractors, and Visitors to site are responsible for observing the Company policies and procedures and for ensuring that at all times they work in a manner consistent with the safety of themselves and others.
- 5.4 The effectiveness of health and safety measures will be monitored continuously in order to ensure that both policy and practice are appropriate at all times to the activities of the Company.

## 6 Specific Health Hazards

- 6.1 This section identifies the significant hazards that remain after all design considerations have been implemented and therefore will require risk assessment to be undertaken by the Contractors. Note, this is not exhaustive and does not relieve the Company or Contractors of their responsibilities or requirements under the Health & Safety at Work Act 1974, Management of Health & Safety at Work Regulations, Construction Design and Management Regulations and any other applicable statutory requirements.

Area	Hazard
Energy Centre (including FGT & ETP)	Chemicals e.g. Sulphuric acid, Hydrochloric acid, Sodium hydroxide, Sodium hypochlorite, etc. Dust e.g. Lime, PAC, Fly ash etc. Flue gases e.g. Hydrogen Chloride, Sulphur Dioxide etc.
Throughout site.	Site traffic/Segregation of traffic and persons.
Throughout site.	Working at Height.
Waste	Disposal of demolition waste and debris.
Throughout site.	Working in confined space.
Throughout site.	Hot Works.
Throughout site	Electricity.
Throughout site	Pressure systems.
Throughout site	Machinery.
Throughout site	High temperatures.
Turbine Hall.	Asbestos.
Throughout site	Noise.
Throughout site.	Leptospirosis (Weils disease)

## 7 COSHH

- 7.1 The Contractor will provide all information required under the Control of Substances Hazardous to Health Regulations (COSHH), relating to any

chemical products they will be using, to the Company prior to delivery to site, including a material safety data sheet and their COSHH assessment.

- 7.2 No Contractor will be allowed to bring onto site any substances that are not approved by the Company.

## **9. Environmental Protection**

- 9.1 The Contractor shall at all times comply with all relevant environmental legislation and site rules. The Contractor shall segregate all waste generated in the course of undertaking the work and dispose of accordingly in the appropriate skips supplied by the Company.

## **10. Other**

- 10.1 Participating organisations shall not take advantage of any error or omission contained within this Information Pack or within subsequent tender documents and shall review all documentation and promptly report any error, inconsistency or omission to LEL. These shall be considered by LEL and if appropriate, shall be addressed through written clarifications addressed to all participating organisations during the submission period. Clarifications shall include additions, alterations, or deletions to the documentation, and any other instructions, as appropriate.

### **KPI Measurements**

The Contractor shall ensure that response times to breakdowns is within 2 hours of notification in order to minimize down times of plant.

The Contractor shall ensure that call out to breakdowns is available 24 hrs a day 7 x days a week in order to cover client operational needs.

The Contractors shall ensure that plant has flexibility for changes to its configuration in order to suit future operational needs of the Client.