**Residual Waste Mobile Material Shredder:** scope of requirements

Lancashire Renewables Ltd currently deploy a mobile shredder (**Komptech Terminator 5000 S**) at our Leyland facility; processing circa 60,000 tonnes per annum of incoming household “black bag” and municipal bulky waste, to produce a combustible grade of waste stream, as output.

This equipment is now reaching “end of life” and we intend to conduct a tender to procure a replacement package on a long-term contract plant rental scheme: The supplier will also be required to take full responsibility for a complete maintenance package, that ensures our continuity of production Mon – Sat, over 52 weeks p.a.

The shredder must be designed and built to withstand the rigours of a working life in the household and bulky waste processing industry, in an enclosed operating atmosphere.

**Term of Contract Hire:**

A three-year period.

**Start Date:**

To be determined; but this will be subject to the lead time and availability of suitable equipment.

(01/04/2022 is indicative)

**Rates & Payment Terms:**

A fixed monthly rate (contract value / 36 months) is required for the entire contract period; and is to be fully inclusive of any additions to the standard equipment specifications, along with the costs associated with a full scheduled maintenance plan.

**Equipment Specification / Criteria:**

* Equipment must be configured to process household “black bag” waste, and municipal bulky waste.
* Mobile platform, utilising wheels or tracks.
* Diesel or electric drive equipment may be considered.
* Equipment can be new or of significantly low run hours with full maintenance history.
* Slow speed / single shaft.
* Remote control functionality.
* Throughput capability – between 40 - 80 tonnes / hour.
* Output fraction size – sub 300mm
* Over band magnet on material discharge belt.
* Automatic fire suppression equipment installed.
* Automatic lubrication system is preferred.

**Service & Maintenance:**

The equipment is fundamental to our continued daily processing of waste and the supplier must take this into consideration when managing scheduled or unplanned maintenance.

* Our typical daily usage is six hours between 07:00 – 18:00 (Mon – Fri), 07:00 – 12:00pm (Sat)
* In the event of unplanned maintenance / breakdown, we require a maximum four-hour response time to attend to the equipment.
* In the event of an equipment failure, deemed to be the supplier’s responsibility, which cannot be resolved within twenty four hours of the supplier’s Engineer attending the breakdown; the supplier must provide equivalent substitution equipment for the remaining duration of the repair work.
* For convenience, on site storage can be arranged for contingency stocks of replacement parts & consumables.