**Mobile Smart Screen / Trommel:** scope of requirements

Lancashire Renewables Ltd currently deploy a mobile screen / trommel (**Doppstadt 518-2)**, processing circa 60,000 tonnes per annum of dry co-mingled household waste, at our Leyland facility. The function of this equipment is to remove & recover sub 40mm glass fraction from the incoming waste stream.

After a successful pilot scheme, this activity will now continue; and thus we intend to conduct a tender exercise to procure a long term contract plant rental scheme to support this activity. The supplier will be required to take full responsibility for a complete supply & maintenance package, that ensures our continuity of production Mon – Sat, over 52 weeks p.a.

The mobile screen / trommel must be designed and built to withstand the rigours of a working life in the household waste processing industry; specifically processing dry co-mingled waste with a high content of glass fraction (typically up to 60%), 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 dry co-mingled waste with a high content of glass fraction.
* 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.
* Double drive vulkollan wheels or equivalent specification.
* Throughput capability – up to 30 tonnes / hour.
* Recovered glass fraction size – sub 40mm.
* Ability to select alternative screen sizes to modify recovered fraction size.
* Automatic fire suppression equipment installed.
* Automatic lubrication system is preferred.
* Note that the above is indicative and may be subject to change prior to any tender opportunity.

**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 eleven hours between 07:00 – 21:00 (Mon – Fri), 07:00 – 17:00pm (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.