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Pipeline

GMCA 1185 Salford Road MRF Equipment

Greater Manchester Combined Authority

UK1: Pipeline notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-022087

Procurement identifier (OCID): ocds-h6vhtk-051574 ([view related notices](#))

Published 16 May 2025, 10:41am

Scope

Reference

GMCA 1185

Description

Under the national Resources and Waste strategy and requirements of Simpler Recycling policy, waste collection authorities (WCAs) that are part of the GMCA waste management arrangements will be required to make changes to current dry, mixed recycling (DMR) collections increasing the range of materials to be collected.

The existing materials recovery facility (MRF) at Longley Lane, Sharston does not have the capacity or the sorting equipment required to process these additional materials.

GMCA is therefore looking for to procure the design, build, installation, commissioning, and testing of new commingled dry recyclable material processing systems to be installed within the existing building at the Salford Road, Over Hulton, Bolton site to create a new Mechanical Recovery Facility (MRF).

The Salford Road site building has previously operated as an In-Vessel Composting facility and most recently a Bio Transfer Loading Station. The previous equipment has been removed and internal structure of the building refurbished to provide a clean operational space to accommodate new recyclable sorting equipment.

On completion of the works the site will be able to process commingled dry recyclable material collected from households across Greater Manchester, with plant outputs in the form of loose material (glass) or baled recyclable materials, with a capacity 140,000 tonnes per annum of input commingled material.

The new plant is expected to operate across two x 8 hours shifts daily (Monday - Friday) plus one additional 8-hour shift (Saturday). It is expected to employ one 8-hour daily cleaning shift (Monday - Friday).

Maintenance which cannot be completed with the plant "on-line" will be scheduled for non-operational periods, i.e. overnight and at weekends.

The key objectives of the procurement are:

- That the Works are executed with the highest regard for Health and Safety.
- In considering Plant performance, the design and equipment selection shall consider the following objectives:
 - o High equipment availability
 - o High equipment reliability over the long term
 - o Consideration of Capital vs Operational Costs to produce the lowest total cost of ownership
 - o Minimising low-grade operator roles through the use of automated processes
 - o The use of AI to enhance capture and purity rates of materials
 - o Good access for maintenance, demonstrated through HAZOP and Access, Lifting and Maintenance workshops
 - o Good design and access for regular cleaning
 - o High capture rate and purity of Aluminium
 - o High capture rate and purity of natural HDPE

- o High capture rate and purity of clear PET
- o High capture rate of glass
- o High capture rate of film
- o Flexibility in the design to allow for the future capture of new materials, or to adapt to changes in market specifications of existing materials (eg purity levels), or to allow integration of AI/automation

Civil works do not form part of this procurement.

Contract dates (estimated)

- 31 December 2025 to 31 March 2027
- 1 year, 3 months, 1 day

Main category

Goods

CPV classifications

- 42914000 - Recycling equipment
- 42990000 - Miscellaneous special-purpose machinery
- 71323000 - Engineering-design services for industrial process and production

Contract locations

- UKD3 - Greater Manchester

Submission

Publication date of tender notice (estimated)

31 July 2025

Contracting authority

Greater Manchester Combined Authority

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