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Green Public Procurement criteria in the procurement of waste transport and management services for WEEE

The sustainable management of WEEE (Fridges and Freezers Units) from Civic Amenity Sites in Malta and Gozo

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Background

To date, WEEE generated by households is collected primarily through systems financed by Local Councils.

- Collected WEEE is deposited at facilities operated by WasteServ Malta to then be handed over to the Producer Responsibility Organisations (PROs) according to their market share, at a price that reflects the total cost incurred.

In addition to this collection system, WEEE is also collected through take-back systems.

The first WEEE collection tenders published in 2006 aimed to gradually reform waste collection services by moving towards

- *a regionalised approach,*
- better utilisation of a modern vehicle fleet.



Procurement Objectives

The procurement objectives of the Malta's WEEE collection tenders with GPP criteria aimed to:

- ensure sustainable management of waste streams
 - improved recycling of hazardous waste streams
 - reduction in the quantity of waste sent to landfill
- reduce emissions caused by waste collection processes.
- eventually improve the environmental performance of all operators involved in the life cycle of WEEE.

Green criteria

- Initially green criteria obliged bidders that vehicles used for the transportation of WEEE meet emission standard EURO IV.
- This green criteria was consequently updated to stricter standards (EURO V / VI according to EC Directive 2005/55/EC or electric powered in line with National policy governing control of emissions and be fitted with TPMS (Tyre Pressure Monitoring System).
- List of vehicles to be used in the service with their respective technical sheets.
- Finally, the average noise level of the vehicles to be used in carrying out the service had to be measured according to Directive EC/2000/14
- Following compliance with these criteria, contracts were awarded based on the cheapest compliant offer.

Other criteria

- Collection vehicles need to be registered with Malta's Environmental Resources Authority.
- Photo documentation of vehicles and data sheets needs to be submitted at tendering stage.
- The collecting routes required in connection with the performance of the service are clearly defined and agreed with the Contracting Authority representative.
- Collection vehicles need to be equipped with GPS Tracking Devices to provide reporting and online / real-time monitoring facilities.

Environmental impact

Implementation of this GPP tendering process resulted in the following impacts:

- Reduced emissions caused by transport.
- Improved recycling of hazardous waste streams compared to previous practices.
- A reduction in the quantity of waste sent to landfill



Further results

- Results demonstrated over the years show that the inclusion of green criteria in tenders in this area send a strong signal to the market about its more ambitious environmental requirements.
- It has served to motivate future potential contractors to invest in upgrading their vehicle fleet and move above minimum standards to have better chances in future tenders.
- As regards performance monitoring, contractors were bound to submit WEEE data collection templates, as well as recovery, recycling, and reuse documents.

WEEE tenders on Malta's ePPS system

- The approach adopted in this tender is nowadays common, it's implementation did not encounter major difficulties, and many similar contracting authorities have replicated the approach for other waste collection services.
- Examples of recent WEEE collection tenders published on the ePPS online system:

Tender Title	Contracting Authority
Tender for the Service Collection, Transportation and Acceptance WEEE and other Waste as Arising from MDH and other Health Institutions in an Environmentally Friendly Manner	Central Procurement and Supplies Unit (MFH)
Collection of Bulky Refuse and WEEE from the locality of Pembroke, using low emission transport	Pembroke Local Council
Service Tender For The Collection Of Bulky/Weee Refuse From The Locality Of Ħaż-żabbar Waste Using Low Emission Service Vehicles	Zabbar Local Council



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Thank you!

Any questions?