

**REPORT TO: ENVIRONMENTAL SERVICES AND SUSTAINABILITY COMMITTEE  
20 FEBRUARY 2006**

**REPORT ON: SUPPLY OF STANDY-BY SHREDDER AND REPLACEMENT CUTTERS**

**REPORT BY: HEAD OF WASTE MANAGEMENT**

**REPORT NO: 143-2006**

## **1.0 PURPOSE**

- 1.1 To seek authority to purchase an additional shredder and a spare set of cutters and associated parts for the mattress and sprung furniture recycling unit at the Baldovie Waste Recycling & Processing Plant within the Waste Management Department.

## **2.0 RECOMMENDATIONS**

- 2.1 It is recommended that the committee accept the offer from Martin Environmental Ltd, Ballyclare amounting to £104,728.94.

## **3.0 FINANCIAL IMPLICATIONS**

- 3.1 The total cost of the equipment (including delivery) is £104,728.94 and provision for this expenditure has been made in the Waste Management Department's Capital Budget for 2005-06.
- 3.2 This recycling equipment allows a reduction in the level of materials to be landfilled. It is estimated that the cost of landfilling these material would be £350,000 per annum

## **4.0 LOCAL AGENDA 21 IMPLICATIONS**

- 4.1 Health is protected by creating a safe clean pleasant environment.
- 4.2 Pollution is limited to levels with which the natural systems can cope.

## **5.0 EQUAL OPPORTUNITIES**

- 5.1 Under the Local Government Act 1988, suppliers were required to complete and return a questionnaire to ensure that their business complies fully with the Race Relations Act 1976. All companies listed comply fully with the Act.

## **6.0 MAIN TEXT**

- 6.1 The Waste Transfer Station and Recycling Plant at Baldovie handles around 35,000 tonnes (annually) of skip and bulky waste. This material is sorted into combustible fuel for the DERL Waste to Energy Plant and recycles (including metals, aggregates, glass and soil). Residues to landfill are minimised.
- 6.2 The mattress and sprung furniture recycling unit forms part of an overall system for waste processing and recycling. This equipment makes a considerable contribution to the amount of material which is recycled and diverted from disposal to landfill. In order to maintain optimum performance, the shredding machines require a replacement set of cutter knives on a quarterly basis. The process of replacement requires the removal and dismantling of the shredder. Experience has shown this

can result in the unit being out of service for up to seven days resulting in material being sent to landfill. The provision of a spare shredder will allow a cutter overhaul to be carried out within the same day. This will further reduce the amounts of material sent to landfill and increase recycling.

As the parts are specifically designed and manufactured by the shredder supplier it is not possible to seek tenders for these elsewhere, and therefore they have been treated as specialist suppliers.

## **7.0 CONSULTATION**

- 7.1 The Chief Executive  
Depute Chief Executive (Finance)  
Depute Chief Executive (Support Services)

## **8.0 BACKGROUND PAPERS**

- 8.1 None.

Jim Laing Head of Waste Management

23 January 2006