

**REPORT TO: ENVIRONMENTAL SERVICES AND SUSTAINABILITY COMMITTEE  
24 OCTOBER 2005**

**REPORT ON: SUPPLY OF MAGNETIC SEPARATOR**

**REPORT BY: HEAD OF WASTE MANAGEMENT**

**REPORT NO: 640-2005**

## **1.0 PURPOSE**

- 1.1 To seek authority to purchase an additional magnetic separator for use 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 Eriez Magnetics Europe Ltd, Glasgow to £4697.

## **3.0 FINANCIAL IMPLICATIONS**

- 3.1 The total cost of the equipment (including delivery) is £4697.
- 3.2 Provision for this expenditure has been made in the Waste Management Department's Capital Budget for 2005-06.

## **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 IMPLICATIONS**

- 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 (Dundee Energy Recycling Ltd) Waste to Energy Plant and recycles (including metals, aggregates, glass and soil). Residues to landfill are minimised.
- 6.2 A review of the material produced at this process has shown that more ferrous metals could be extracted by the installation of a secondary magnetic separation unit. This will allow the Department to further increase our recycling rate.
- 6.3 The unit recommended for purchase from Eriez is slightly more expensive but since it is of the type as the existing unit, would not require any modification to the process equipment and would therefore cost less overall to install.

## 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

5 October 2005

Dundee City Council - Waste Management Department

Summary of Quotations - Magnetic Separator

Quote no.	Company name & address	Specification	Total price	Comments
1.	Master Magnets Ltd, Redditch	10 PCB 10	£4150	Does not include delivery. Would require modifications to the existing metals chute.
2.	Eriez Magnetics Ltd,	CP20/140	£4697	Delivery included. Straightforward installation.