

**REPORT TO: ENVIRONMENTAL SERVICES AND SUSTAINABILITY COMMITTEE -  
24 OCTOBER 05**

**REPORT ON: REFRIGERATOR AND FREEZER TREATMENT**

**REPORT BY: HEAD OF WASTE MANAGEMENT.**

**REPORT NO: 639-2005**

## **1.0 PURPOSE OF REPORT**

1.1 To report upon the tender prices received for the treatment service for refrigerator and similar equipment containing Chloro-Fluoro Carbons (CFCs).

## **2.0 RECOMMENDATIONS**

2.1 The offer from Shore Recycling Ltd to be accepted for the supply of the treatment service for refrigerators and similar equipment containing Chloro-Fluoro Carbons (CFCs).

## **3.0 FINANCIAL IMPLICATIONS**

3.1 It is estimated that the annual cost of this service will vary between £48,670 (6,200 units) and £58,090 (7,400 units). The variation in cost is due to the quantity of the fridge freezers collected throughout the city. Provision has been made in the Waste Management Department Revenue Budget for this service.

## **4.0 LOCAL AGENDA 21 IMPLICATIONS**

4.1 Resources are used efficiently and waste is minimised.

## **5.0 EQUAL OPPORTUNITIES IMPLICATIONS**

5.1 Nil

## **6.0 BACKGROUND**

6.1 On the 13th of September 1976, the National Academy of Science in the USA claimed that Chloro-Fluoro Carbons, (CFCs) were affecting the Ozone Layer of the atmosphere. These man-made substances are present as a refrigerant within the insulating foam in many refrigerators and freezers.

6.2 European Community Regulation No 2037/2000 on Ozone Depleting Substances (ODS) came into force from October 2000 for industrial and commercial appliances and from the 1st of January 2002 for domestic appliances. This regulation compelled the removal of CFCs from refrigerators, freezers and other similar equipment. This responsibility has fallen largely on Local Authorities.

6.3 From January 2002, Dundee City Council has used Shore Recycling Ltd, Perth and International Waste Management Group, Dalkeith to treat and recycle refrigerators and freezers. It was now thought prudent to enter into a one year contract for the collection and treatment of these appliances.

- 6.4 Following advertising of the Tender, the two existing suppliers expressed an interest in entering into a contract for the treatment of refrigerators, freezers and other similar equipment containing CFCs, major greenhouse effect gases.
- 6.5 Tenders were issued to Shore Recycling Ltd, Perth and International Waste Management Group, Dalkeith, Midlothian.
- 6.6 A summary of tenders is detailed in table below.

## 7.0 CONSULATION

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

Date: 5 October, 2005.

### COST PER APPLIANCE FOR TRANSPORT & TREATMENT

Tenderer	International Waste Management Group, Midlothian	Shore Recycling Ltd Perth
<b><u>Domestic Appliance</u></b>		
Refrigerator	£7.95	£7.85
Freezer	£7.95	£7.85
Chiller	£7.95	£7.85
<b><u>Commercial Appliance</u></b>		
Refrigerator	£7.95	£7.85
Freezer	£7.95	£7.85
Chiller	£7.95	£7.85