

**REPORT TO: ENVIRONMENTAL AND CONSUMER PROTECTION COMMITTEE  
21st JANUARY 2002**

**REPORT ON: PROVISION OF DISPOSAL FACILITIES**

**REPORT BY: DIRECTOR OF ENVIRONMENTAL AND CONSUMER PROTECTION**

**REPORT NO: 799-2001**

**1. PURPOSE**

- 1.1 To authorise contractual arrangements for the direct disposal of residual waste material which is unsuitable for recycling or incineration, and to provide contingency disposal arrangements via local transfer stations for domestic and commercial waste in the event of any shutdown period of the DERL Waste to Energy Plant.

**2. RECOMMENDATIONS**

- 2.1 It is recommended that the committee accept the offer (No. 4\*\*, No 4\*\*\* and No. 4\*\*\*\*) from SITA GB LTD as detailed in the attached summary.
- 2.2 It is recommended that the committee authorise the Director of Support Services to conclude a contract with the successful tenderer.

**3. FINANCIAL IMPLICATIONS**

- 3.1 The costs of implementing the proposed arrangements are wholly dependent on the tonnage of waste which is sent to landfill.
- 3.2 At present it is difficult to accurately predict the annual tonnage involved, but full cognisance of the implications of implementing these arrangements will be included in the 2002/2003 Revenue Budget.
- 3.3 The contract is subject to annual inflationary increases based on the Retail Price Index.

**4.0 DUNDEE 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. EQUAL OPPORTUNITIES**

- 5.1 Under 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. MAIN TEXT**

- 6.1 The Environmental & Consumer Protection Department collects some 90,000 tonnes of waste material per annum. Around 55,000 tonnes of domestic and commercial waste is taken directly to DERL for Energy from Waste Processing. The remaining 35,000 tonnes of mainly commercial and civic amenity waste is processed at Dundee City Councils transfer station plant at Baldovie where the material is separated into combustible waste for DERL, recyclates and residues suitable only for landfill.
- 6.2 During normal operations, the optimum amount of waste will be either recycled or taken to DERL for waste to Energy processing, and the amount of residues that requires to be landfilled will be minimised as far as possible. The Council's operations at the former Baldovie Incinerator Plant are designed to reduce tonnages, and are continually subject to improvement and alteration to achieve reduction.
- 6.3 When the DERL plant is unable to accept waste for processing, difficulties can be experienced in securing adequate waste disposal facilities at short notice.
- 6.4 An arrangement is now required which achieves the following objectives:
- 6.4.1 permits the Council to fulfil the contractual obligations to DERL for the supply of waste.
- 6.4.2 secures an adequate disposal route for non-reusable or non-recyclable waste during periods of normal operations (residue).
- 6.4.3 secures an adequate disposal route for all waste, of unknown and variable quantities, when the DERL plant is unable to accept waste (contingency).
- 6.5 Dundee City Council has previously used the Landfill Site at Wellbank for residue waste disposal and contingency arrangements, however this site is due for completion during 2002, and a new facility is now required.
- 6.6 The proposed arrangements will provide the flexibility required to allow officers to direct waste streams to suitable disposal routes when the DERL Plant is fully operational, or when the plant is partially or totally out of operation.
- 6.7 The proposed arrangements envisage use of a landfill site situated approximately 40 miles from Dundee, and therefore waste transfer facilities are required. The provision of such facilities is incorporated in the recommended tender and would be used in the event of the DERL plant and/or the Baldovie Transfer facility being partially or totally out of operation.
- 6.8 A five-year contract with the successful tenderer will be required in order to secure residue disposal and contingency arrangements for the Council for this period. Termination other than breach of contract will not be required since the amount sent to landfill will at all times be minimised and this will provide scope for the development of any additional recycling schemes.
- 6.9 Dundee City Council went out to tender in July 2001 to seek the best and most cost effective facilities which are available. Attached is a summary of the tender returns.

## **7. CONSULTATION**

- 7.1 The Chief Executive, Director of Finance and Director of Support Services have been consulted in the preparation of this report.

## **8. BACKGROUND PAPERS**

8.1 No background papers as defined by section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information) were relied on to any material extent in preparing this report.

**9.0 SIGNATURE**

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Director of Environmental and Consumer Protection

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Date: -

Dundee City Council – Environmental & Consumer Protection Department  
 Summary of Tenders – Ref: ECP/01/04 – Waste Recycling/disposal facilities

| Tender Number | Company Name and Address                     | Material type (rate per tonne)<br>1 year term |          |        |        | Material type (rate per tonne)<br>5 year term |          |        |        | Comments   |
|---------------|--|---|----------|--------|--------|---|----------|--------|--------|--|
|               |  | Inert   | Top soil | Fines  | Mixed  | Inert   | Top soil | Fines  | Mixed  |  |
| 1             | D Geddes (Contractors), Swirlburn, Arbroath  | £5.00   | £5.00    | £39.00 | £41.50 |   |          |        |        | Unable to bid for more than one year. Prepared to accept all diverted RCV waste (contingencies) Did not bid for contingency tonnage. |
| 2             | DJ Laing (Contracts) Panmure Est, Carnoustie | £4.50   | £4.50    | £35.96 | £35.96 | £4.50   | £4.50    | £35.96 | £35.96 | Unable to accept all diverted RCV waste (capacity restrictions) although bid for at same rate. May be used for part diversions       |
| 3             | Recycling Solutions, Broxburn                | £4.00   | £4.00    | £25.00 | £25.00 | £5.00   | £5.00    | £27.00 | £27.00 | Logistically difficult (120 mile round trip). May be able to trade RDF for residues.   |
| 4             | SITA, Tyne & Wear                            | £14.19  | £14.19   | £39.94 | £39.94 | £14.19  | £14.19   | £37.10 | £37.10 | Cost includes collection and disposal of waste up to 15,000 annual tonnes.   |
| 4*            | SITA, Tyne & Wear                            | £14.15  | £14.15   | £36.13 | £36.13 | £14.15  | £14.15   | £35.60 | £35.60 | Cost includes collection and disposal of waste up to 75,000 annual tonnes.   |
| 4**           | SITA, Tyne & Wear                            | £7.84   | £7.84    | £29.00 | £29.00 | £7.84   | £7.84    | £28.20 | £28.20 | Cost for disposal of waste up to 15,000 annual tonnes.   |
| 4***          | SITA, Tyne & Wear                            | £7.82   | £7.82    | £27.75 | £27.75 | £7.82   | £7.82    | £27.22 | £27.22 | Cost for disposal of waste over 15000 tonnes, up to 75,000 annual tonnes   |
| 4****         | SITA, Tyne & Wear                            | £22.15  | £22.15   | £42.08 | £42.08 | £22.15  | £22.15   | £41.55 | £41.55 | Cost for transfer station facilities and disposal of waste over 15000 tonnes, up to 75,000 annual tonnes                             |