

<b>ITEM No ...4.....</b>
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**REPORT TO:** NEIGHBOURHOOD SERVICES COMMITTEE – 8 JANUARY 2018

**REPORT ON:** PURCHASE OF MOBILE WASTE COMPACTOR

**REPORT BY:** EXECUTIVE DIRECTOR OF NEIGHBOURHOOD SERVICES

**REPORT NO:** 6-2018

**1.0 PURPOSE OF REPORT**

- 1.1 To seek approval for the purchase of a mobile waste compactor which is to be used for recycling/waste processing operations by Waste Services at Baldovie and Riverside Household Waste Recycling Centres.

**2.0 RECOMMENDATIONS**

- 2.1 It is recommended that Committee agree to accept the offer from Bergmann Direct of £46,370.

**3.0 FINANCIAL IMPLICATIONS**

- 3.1 The Executive Director of Corporate Services advises that the cost of the purchase can be met from allowances for Recycling Centres in 2017/18 that are included in the Community Safety & Justice section of the Capital Plan 2018-2023.
- 3.2 It is anticipated that fewer vehicle/skip movements, lower waste disposal and haulage costs and better operational efficiency will be achieved through the purchase of the equipment.

**4.0 BACKGROUND**

- 4.1 The mobile waste compactor will be mounted / dismounted onto an 8 x 4 - 32 tonne gross vehicle weight hook lift skip truck for use at both recycling centres. These vehicles currently service both centres and are contained within the existing vehicle fleet. Skip drivers will be able to operate the equipment after training.
- 4.2 The mobile compactor will be utilised for compacting garden waste, wood waste, general waste, metals and paper/cardboard contained in open skips at the recycling centres.
- 4.3 High compaction within the skips will be possible at both recycling centres and this will result in fewer vehicle/skip movements, lower waste disposal and haulage costs and better operational efficiency. The specially equipped compaction drum with spiked teeth, rolls over the waste, crushing it and using the full space of the container.
- 4.4 Typical uncompacted tonnages in a 40 cubic yard skip container are 1- 2 tonnes. The use of the mobile waste compactor can see tonnage increase within skips to between 8 and 12 tonnes depending on the type of waste. Compaction rates of 4:1 or 5:1 are typical and would reduce vehicle movements and associated costs by the same ratio.
- 4.5 Alternative options such as mechanical diggers with shovels and grabs require drivers with appropriate licences. In addition the grab or bucket has to press down on the waste and this can cause excessive wear and damage to the skip containers.

This is considered an additional operating cost and an identified health and safety issue.

- 4.6 Various procurement options are considered when purchasing goods of this value, and Corporate Procurement advised that 3 companies eligible under the Scotland Excel Framework 03-15 for the Supply of Waste Disposal Equipment should be invited to quote for the supply of the mobile waste compactor.
- 4.7 Due to the non-standard nature of the equipment all three suppliers within the framework were invited to quote for the supply of the equipment. The quotation/response received were as follows:-
- Bergmann Direct Ltd - £46,370;
  - Dicom no offer; and
  - Pakawaste Ltd no offer.

It is recommended that the offer from Bergmann Direct Ltd be accepted. The estimated date for delivery and installation of the equipment is February 2018.

## **5.0 POLICY IMPLICATIONS**

- 5.1 The report has been screened for any policy implications in respect of Sustainability, Strategic Environmental Assessment, Anti-Poverty, Equality Impact Assessment and Risk Management. No major issues were identified.

## **6.0 CONSULTATIONS**

- 6.1 The Council Management Team have been consulted in the preparation of this report and agree with its contents.

## **7.0 BACKGROUND PAPERS**

- 7.1 None.

Elaine Zwirlein  
**Executive Director of Neighbourhood Services**

Gary Robertson  
**Head of Environment**

30<sup>th</sup> November 2017