

Waste Solutions



Keeping you up-to-date on your local waste management

SHANKS WINS WASTE CONTRACT

Recycling levels will dramatically increase

ELWA - the East London Waste Authority - has chosen Shanks Waste Services Limited as 'preferred bidder' to work on a multi-million pound plan for dealing with the local area's waste for the next 25 years.

UK-based Shanks was selected following a thorough tender process, which lasted nearly two years.

It will become ELWA's partner in providing waste disposal services across the four London Boroughs of Barking & Dagenham, Havering, Newham and Redbridge, which between them generate over 535,000 tonnes of waste each year.

The proposals from Shanks will help end ELWA's reliance on landfill, diverting more than 67% of waste from landfill by 2016 and ensuring that ELWA meets or beats the Government's recycling targets for 2003 and beyond.

The 25-year contract is worth around £25 million per year and Shanks has said it will invest more

than £100 million in new waste management facilities over the life of the contract, as well as create nearly 100 new jobs in the first five years.

ELWA Chair, Councillor Roy Patient said: "The competitive selection process has taken nearly two years to complete but we can be confident that we have identified the best partner for this critically important job."

Graham Farrant, the Clerk to ELWA, added: "Shanks has clearly demonstrated to us that it can make a contribution to radically change the way waste is dealt with in this part of east London.

"The four boroughs produce over half a million tonnes of waste every year and despite an increased awareness of the need to recycle and help the environment by producing less, that figure is still on the rise".

Shanks' innovative solution involves waste minimisation, recycling, composting and recovery through the separation of waste at the kerbside, Civic Amenity sites and Biological Materials



Graham Farrant hands over the letter of appointment to Mike Averill

Recycling and Recovery Facilities (Bio-MRFs), which will be built on two local sites - Frog Island, Rainham and Jenkins Lane, Barking.

The Bio-MRFs stabilise waste and reduce its weight and bulk. After further separation of materials for recycling the residues of the process are made into fuel for use in existing power plants and industrial facilities.

Shanks Group Chief Executive Michael Averill said he believes ELWA has made the right decision.

"We have put together a solution to meet local needs and which will radically increase recycling and recovery in the four boroughs," he said.

Final agreement of the contract is still to be formalised, but the new service is likely to be launched at the start of July 2002.

Shanks has already identified some of the people to be involved in the new waste management service. Shanks Waste Services Managing Director, Jim Meredith, and Commercial Director, Craig Ibbetson, will sit as Board Members of the new service. Allan Barton who currently works as Technical and Development Director in

Shanks Chemical Services will act as Operations Director with Stephen Ray taking up the new post of Operations Manager.

Allan Barton said: "We are thrilled to be working with ELWA and we can't wait to get started. There are some real challenges to be met and the new team - working with the people transferring from ELWA and the boroughs - is going to create a first rate service. We are already looking forward to launching the new service later in the year".

shanks. waste solutions.

SHANKS PROVIDES

Summary of proposals

Shanks has been selected as the 'preferred bidder' to provide waste management services to ELWA for the next 25 years. The company's proposals include:

- Education and community campaigns to promote waste minimisation, recycling and recovery
- Introduction of kerbside separation of

recyclables for all households

- Significant improvements to all civic amenity sites, to be renamed Reuse and Recycling Centres
- Local treatment of all collected waste in biological processes to dry and stabilise waste, reduce its weight and to allow separation of materials for recycling through major new

facilities (Bio-MRFs) at Jenkins Lane and Frog Island

- Production of secondary fuel from waste which has been treated and cannot be recycled to be used to generate energy in existing facilities, displacing the need to burn fossil fuels
- Moving waste off roads onto rail and, possibly, the river



Frog Island and Jenkins Lane sites to get an Italian Job

A proven Italian process is set to become a key tool in promoting alternatives to landfill and incineration in the four boroughs which make up the East London Waste Authority.

Bio-MRFs are to be installed at sites at Frog Island and Jenkins Lane as part of the multi-million pound plan to deal with the area's waste over the next 25 years.

The Bio-MRFs stabilise the waste and reduce its weight and bulk. After further separation of materials for recycling the residues of the process are made into fuel for use in existing power plants and industrial facilities.

This process, designed by Sistema Ecodeco, is already used successfully in Italy and the Frog Island and

Jenkins Lane sites will be among the first in the country to utilise this technology.

The Ecodeco process, which will be promoted in the UK through a partnership with Shanks, uses heat produced by naturally occurring bacteria to dry waste. After delivery to the fully-enclosed Ecodeco plant, shredded waste is dried for 12 days by air continually extracted through floor vents. Micro-organisms digest organic waste, raising the temperature to around 55 degrees Celsius, driving moisture out of the waste and reducing its weight by around 25%.

The waste is separated out into recyclable and other usable parts. Steel and aluminium are extracted for recycling, while glass and stones are removed for use as construction



Existing MRF at Blochairn, Scotland

aggregate. Compostable material is then removed, leaving around 45% of the original material suitable as secondary fuel.

Shanks Operations Manager, Stephen Ray, said: "These plants have no significant emissions. All activity takes place in a fully enclosed building and the air and water vapour

generated go through bio-filters before being released".

In addition to the Bio-MRFs, Shanks is proposing to build new visitor and education centres at Frog Island and Jenkins Lane, as well as Materials Recovery Facilities.

Shanks has the experience

Shanks is a major waste management operator in the UK, Belgium and The Netherlands, employing more than 1,600 staff in the UK alone, and with a group turnover of £502 million in 2000/01.

The company already works in close and successful partnerships with 29 local authorities to service over 40 waste management contracts in the UK, some of which have run successfully for over 20 years.

Shanks has the experience to make the mix of technologies (some of which aren't available to anyone else in the UK) work and to implement waste management initiatives which can deliver the results ELWA wants.

It has the credibility of being a long-standing independent major player in the UK waste market. Shanks is also focused on continuous improvement and partnership working and it is confident that it has the skills to make this contract a success.

WASTE SOLUTIONS

Calendars give schools a 'Newlook'



Budding young artists in Newham showed their environmental streak by putting pens to paper to help promote recycling in local schools.

The artists entered Newham Council's Newlook art competition, in which children in the borough's infant and junior schools were asked to design a poster that would encourage others to recycle their waste.

The council's award-winning programme aims to increase local people's awareness of environmental issues and keep the environment clean and tidy.

Over 100 entries were received and from these, six pictures were chosen for inclusion on a wall planner for school classrooms.

Three of the winning designs were by pupils at Shaftesbury School. Hashim Ahmed, Sara Kouracka and Rabi Niam, all aged ten, received a voucher as a prize.

The recycling year planners have recently been distributed to all the borough's infant and junior schools.

Delivering results and benefits

The methods and facilities proposed by Shanks will deliver the following results:

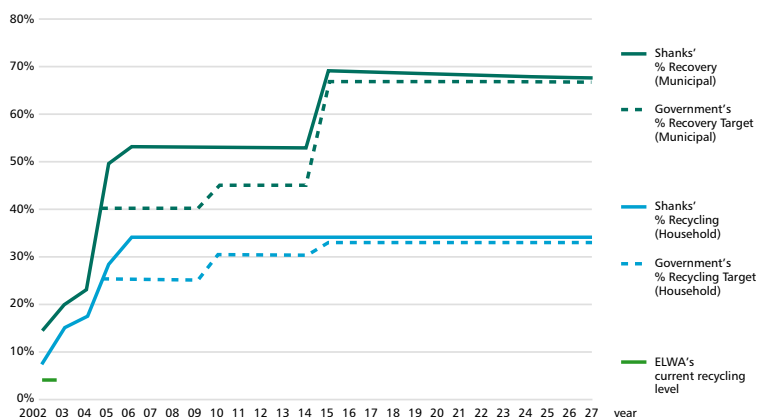
- Facilities capable of increasing recycling to 33% by 2006
- 67% of waste diverted from landfill by 2016

And the benefits it will bring to people living in ELWA's area are:

- Opportunity for every household to participate in recycling
- Increased recovery and recycling to beat local and national targets
- £100 million investment in sustainable waste management for the ELWA area
- Existing employment safeguarded and transferred to new service

- The creation of almost 100 new local job opportunities
- New education and visitor centres
- Dedicated community and education liaison officers
- Improved facilities at civic amenity sites - to be called Reuse and Recycling Centres
- Low impact, low emission bio-treatment of waste
- Moving waste off the roads and onto rail
- No new incineration in the ELWA area

Targets and Achievements



Timetable of events

21st March 2002	Shanks Waste Services appointed as preferred bidder
March-June 2002	Work underway to finalise contract details
30th June 2002	Signing of formal contract
1st July 2002	Contract start
Contract start	Appointment of community and education liaison officers
Spring/Summer 2002	Planning applications for improvements to existing Civic Amenity sites at Frizlands Lane, Dagenham; Gerpins Lane, Upminster; Jenkins Lane, Barking and Chigwell Road, Woodford
Summer/Autumn 2002	Planning applications for Bio-MRFs at Frog Island and Jenkins Lane
Summer 2005	Opening of Bio-MRFs and visitor and education centre at Frog Island
Spring 2006	Opening of Bio-MRFs and visitor and education centre at Jenkins Lane

Meet MuRFy

The household recycling dog, MuRFy, plays an important role in all of Shanks education facilities. Visitors are encouraged to follow 'MuRFy's Way' during their tour which follows the recycling journey closely.



The dog is made of five different recycling materials - cardboard (body), metal (legs), plastic (paws), textiles (ears) and newspaper (tail).

Shanks' pledge to the community

From Summer 2002 your household waste will be managed by the East London Waste Authority, in partnership with Shanks.

Waste management is changing. People are becoming more aware of the rubbish they create and want to know that it is being managed properly. Sometimes this means getting involved in recycling or waste minimisation projects yourself.

In East London we want to work as a partnership and in the next five years you will be hearing a lot from Shanks about how you can get involved. But, to start with we want to make you some promises.

Our promises:

- By the end of 2005, working together, we will be recovering or recycling 40% of household waste in the ELWA area.
- Shanks will report truthfully on

successes and failures in the area every year to all households.

- Shanks will communicate regularly with local people.
- Shanks will encourage all local people to play their part, with information and participation available and accessible to all.
- Shanks will listen to local people. If you have an idea, we will listen and tell you whether it can work or not. Every idea, every suggestion of community involvement and every request for information will get a personal response.

And how we will live up to these promises:

With the exception of information which is commercially confidential, Shanks will operate an open door policy. The company will make a dedicated point of contact available to the local community and employ four community and education liaison officers to work with local people.



The education and visitor centres, to be built at Jenkins Lane and Frog Island, can be used as a resource for the local community and will be the base for the outreach work of the community and education liaison officers.

Because the area covered by ELWA has the distinction of being one of the most culturally diverse areas in the country, Shanks will work to promote information and access which is relevant and meaningful to all local communities. Where written information about the service is produced, translations into relevant languages will be made available and the community and education liaison officers will focus on building links with community, ethnic and religious groups.

Shanks will host schools visits to sites and facilities and a schools pack will be produced for use by teachers and community groups.

And residents living close to waste management sites will receive particular attention. In time each site will have its own community liaison committee – formed of local residents, councillors, Shanks and ELWA representatives and, where appropriate, local council officers.



Planet Havering, Havering Council's annual environment awareness in the borough, will this year take place on Friday 14 and Saturday 15 June at Harrow Lodge Park.

Cleanaway Havering Riverside Trust (CHRT) will, for the third year in succession, fund this major community event and ensure that it will, as always, be free of charge to the public.

Many local community groups, voluntary groups and organisations are set to join the event helping to promote environmental awareness as well as a fun day out.

It's the sign of the times

To coincide with the announcement of Shanks as 'preferred bidder', ELWA is introducing a new logo. The logo, which has been produced at a cost of less than £500, gives the authority a modern, new look for the future.



Monday - Friday
9.00am - 5.00pm



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Alternatively you can visit our website on www.eastlondonwaste.gov.uk

The East London Waste Authority is responsible for the disposal of waste generated by residents of the London Boroughs of Barking & Dagenham, Havering, Redbridge and Newham.

