

<b>UPGRADE TO CARNEATLY HOUSEHOLD RECYCLING CENTRE, BALLYCASTLE</b>	<b>6<sup>th</sup> December 2016</b>
<b>TO: ENVIRONMENTAL SERVICES COMMITTEE</b>	
<b>FOR DECISION</b>	

<b>Linkage to Council Strategy (2015-19)</b>	
<b>Strategic Theme</b>	Innovation and Transformation
<b>Outcome</b>	Providing services in a more accessible and efficient way
<b>Lead Officer</b>	Head of Operations
<b>Cost: (If applicable)</b>	£640,000

### **1.1 Upgrade to Carneatly Household Recycling Centre, Ballycastle**

Carneatly household recycling centre has been identified for essential H&S upgrade works. The upgrade of the household recycling centre will take place within the existing facility boundary.

To ensure that the site remains active throughout the construction process, a 3 phase construction programme will be implemented, with overall works having an envisaged six month construction period.

Carneatly household recycling centre is constructed on a former landfill site, situated 2 miles outside Ballycastle, and is the only facility of its type in the former Moyle legacy council area. The planned works at the facility will focus on improving health and safety for employees and site users, implementing workplace transport good practice and maximising collection of materials suitable for recycling. Annually the site receives in excess of 800 tonnes of household waste and recyclables.

Extensive health and safety audits have been carried out in respect of the site, with segregation measures between the general public and council operatives and associated heavy plant / vehicles requiring urgent attention. Staff consultation during the design process has also taken place.

Stage 1 of the process has been completed following health and safety auditing and condition surveys. The estimated cost of the preferred option is £640,000. This option is the least expensive when set against the other options considered. A budget of £972,000 has been included in the 2016-17 capital register for upgrade works at the facility but this estimate included the construction of a waste transfer station shed which is omitted from the project at this stage until further route optimisation is carried out.

The existing and proposed site layout is included in appendix A and the itemised cost estimate in appendix B.

## **1.2 Recommendation**

It is recommended that approval be given to proceed to stage 2 of the Capital Procurement Procedure, with Council producing detailed tender documents for procuring an experienced contractor. All statutory approvals will be sought at this stage.



ITEM	RATE (£)	UNIT	QUANTITY	COST (£)
Design Costs				£26,000.00
Site Investigation, Statutory Consents and Reports				£12,500.00
<i>Preliminaries</i>				£56,716.50
<i>Earthworks</i>				
Site Clearance	£0.50	m <sup>2</sup>	5,500	£2,750.00
Demolition of Existing Shed and Structures (where necessary)	£10,000.00	sum	1	£10,000.00
Excavation of concrete surfacing	£7.50	m <sup>2</sup>	300	£2,250.00
Earthworks	£5.00	m <sup>3</sup>	450	£2,250.00
Waste Removal (Inert Demolition and Concrete Paving)	£95.00	t	280	£26,600.00
Waste Removal (Active - Allowance for tank installations)	£120.00	t	100	£12,000.00
Contaminated Drainage Management (Underground Leachate Storage Tank)	£21,500.00	sum	1	£21,500.00
<i>Surfacing</i>				
Concrete Hardstanding	£43.00	m <sup>2</sup>	400	£17,200.00
Signage & Road Markings	£20,000.00	Sum	1	£20,000.00
Kerbing	£10.50	m	100	£1,050.00
<i>Access/Public Road Improvements</i>				
Formation of site access	£15,000.00	Sum	1	£15,000.00
<i>Drainage (to comply with Waste Management Regs)</i>				
Silt Traps	£3,000.00	nr	2	£6,000.00
Road Sweeping Management	£15,000.00	sum	1	£15,000.00
Oil Interceptor	£6,000.00	nr	1	£6,000.00
Attenuation Tank	£5,000.00	nr	1	£5,000.00
Storm drainage to new surfacing (gullies, pipelines etc)	£5,000.00	Sum	1	£5,000.00
Septic Tank	£20,000.00	Sum	1	£20,000.00
<i>Fencing</i>				
Fencing (2.4m)	£45.00	m	250	£11,250.00
Fencing (1.1m)	£20.00	m	200	£4,000.00
Gates	£4,000.00	Nr	4	£16,000.00
Pedestrian Gates	£1,500.00	Nr	2	£3,000.00
<i>Services</i>				
Civil works for services (eg ducts)	£11,750.00	Sum	1	£11,750.00
<i>Electrical &amp; Mechanical</i>				
Electrical Installation	£10,000.00	Sum	1	£10,000.00
Weighbridge	£30,000.00	Sum	1	£30,000.00
Compactors	£10,000.00	nr	2	£20,000.00

## Appendix B

General M&E Fitout (Water Points etc)	£13,350.00	Sum	1	£13,350.00
CCTV	£12,000.00	Sum	1	£12,000.00
Lighting	£13,000.00	Sum	1	£13,000.00
<u>Landscaping</u>				
General Landscaping	£5,000.00	Sum	1	£5,000.00
Provision to allow continued operations during construction works	£900.00	wk	20	£18,000.00
Other works:-				
New Amenity Block	Defined	Sum	1	£18,000.00
New 2-bay storage facility	Defined	Sum	1	£87,000.00
Service duct installation for future Waste Transfer Station	Defined	Sum	Various	£12,000.00
Raised road level around Compactors & Skips	Defined	Sum	Various	£38,000.00
<u>Contingency</u>		Sum		£33,160.00
<b>Total Estimated Costs</b>				<b>£638,326.50</b>