



The information below details the type of plant and equipment proposed to be used at the main waste management facilities and HWRC's once they are operational. The numbers and types are provisional and may change due to the Contractor's internal procurement arrangements and to suit service and facility developments, particularly those that are technology based. The Authority will be consulted in relation to changes in accordance with Clauses 105 (Change in Law), 107 (Authority and Contractor Changes) and 111 (Financial Adjustments).

a) Compost Facility

Type of Plant & Equipment	No.	Element	Model (where applicable) *	Replaced after (years)	No. of times asset replaced
Fixed	1	Weighbridge Computer System	Sherrings Command	12	once
	2	Weighbridge – 18m		12	once
	1	CCTV security system		12	once
	1	Fuel tank			
Mobile	2	Loading shovel (front-line)	Volvo L110	7	twice
	1	Shredder	TIM Envipro SD1600	7	twice
	1	Windrow Turner	Samburger Uni 1400	7	twice
	1	Compost screener	TIM Envipro TS2500	7	twice
	1	Telescopic Telehandler (spare)	Manitou MT 845	7	twice
	1	Odour Control Unit with telescopic mast.	Cobra	7	twice

b) Materials Recovery Facility

Type of Plant & Equipment	No.	Element	Model (where applicable) *	Replaced after (years)	No. of times asset replaced
Fixed (External)	1	Weighbridge Computer System	Sherrings Command	12	once
	2	Weighbridge – 18m			
	1	CCTV security system		12	once
	1	Water Storage tank (5,000 gallons)			
	1	Fuel tank			
Fixed (Internal)	2	Grizzly Screen: <750mm	O.K.L.M Technology	12	once
	2	Trommel: 3.6m Dia			
	2	BHS Fines Screen <40mm			
	1	Air Knife: Container Line			
	1	Electro Magnet			
	2	Plastic PolySort 2000			
	2	Fibre PolySort 2000			
	1	ECS Unit			
	1	Non Fe PolySort 500			
	3	Fibre PaperSort 2000 CCN			
	2	Air Knife Papers			
	1	Baling Press: 100 Tonne			
	4	Compressors			
	1	Air Ventilation system			
	5	Cabins			
	1	Perforator			
53	Conveyors				
3	Storage Bunker Conveyors				
Mobile	3	Loading shovel (front-line)	Volvo L110	8	twice
	1	Loading shovel (spare)	Volvo L110	8	twice
	1	360 Grab (Output area)	Caterpillar	8	twice
	1	Forklift Truck	Boss	8	twice

c) Waste Transfer Stations

Type of Plant & Equipment	No. per facility			Element	Model (where applicable) *	Replaced after (years)	No. of times asset replaced
	Bassetlaw Area, Newark Area & Freeth St	Giltbrook	Welshcroft Close				
Fixed	1	1	1	Weighbridge Computer System	Sherrings Command Precia Molen	12	once
	2	1	2	Weighbridge – 18m		12	once
	1	1	1	CCTV security system		12	once
	1	1	1	Fuel tank			
	-	-	1	Shredder	Metso	9	once
	-	-	1	Baler		Not replaced Equipment obsolete in 2020	Not replaced
	-	-	1	Wrapper		Not replaced Equipment obsolete in 2020	Not replaced
Mobile	1	1	1	Loading shovel (front-line)	Volvo L110	8	twice
	1	1	-	Loading shovel (spare)	Volvo L110	8	twice
	-	-	1	360 excavator – from 2020	CAT		once
	1	1	1	Odour Control Unit		Not replaced	Not replaced
	9 to serve all delivery points + 1 spare			Third party haulage	44t GVW Articulated haulage	Volvo or Mercedes or similar	8

d) Household Waste Recycling Centres (HWRC's)

The Contractor's proposed levels of plant and equipment for the HWRC's are as follows:

Plant and Equipment	Type	Total no.	Provided by		Replaced after (years)	No. of times asset replaced
			NCC	Onyx		
Containers – Waste	40 – cu yard	47	0	47	10	twice
Containers – Green	40 – cu yard	23	0	23	10	twice
Containers – Rubble	14 – cu yard	20	0	20	10	twice
Containers – Wood	40 – cu yard	31	0	31	10	twice
Spares	40 – cu yard	34	0	34	10	twice
Glass Bottle Banks	Spacesaver 2.5 cu.m	65	65	0	8	twice
Can Banks	1100 ltr	34	34	0	8	twice
Plastic Banks	Plastibank 2 cu.m	26	26	0	8	twice
Gas Cage		17	17	0	8	twice
Oil Banks	Oil Bank – 1800 ltr	17	17	0	8	twice
Textile containers	Various	17	17	0	8	twice
Battery Boxes		17	0	17	10	twice
Other Recycling containers (provided by sub-contractors) (e.g. scrap metal, timber, cardboard, paper etc)	Various	68	0	68	As and when required	As and when required
Sign (sets)		17	0	17		
Site compactors		12	0	12	13	once
CCTV system (sets)		9	0	9	12	once
Steps / Steel Ramps		85	7	78	10	twice
Height Barriers		27	27	0	10	twice
Service vehicles	8 x 4, 32t GVW rollonoff	10	0	10	8	twice
Wheeled bins	240 ltr	34	0	34	10	twice

The above has been derived to take account of buildings, plant and equipment transferring from the Authority. These are shown in the following tables:

Transferring Plant and Equipment:-

Area	Site	Glass			Cans		Plastic	Gas Cage	Textiles	Ramps
		Green	Clear	Brown	Aluminium	Steel				
Ashfield	Sutton	1	1	1	1	1	2	1	1	3
	Kirkby	1	1	1	1	1	1	1	1	3
	Hucknall	2	1	1	1	1	1	1	1	Split Level
Bassetlaw	Daneshill	1	1	1	1	1	1	1	1	0
	Retford	1	1	1	1	1	1	1	1	Split Level
Broxtowe	Beeston	2	1	1	1	1	1	1	1	Split Level
	Giltbrook	2	1	1	1	1	2	1	1	4 + 2 low NCC
	Stapleford	1	1	1	1	1	1	1	1	Ramp System NCC
Gedling	Gedling	2	1	1	1	1	2	1	1	Split Level
	Calverton	3	2	1	2	1	1	1	1	Split Level
Mansfield	Mansfield	2	2	2	1	1	2	1	1	Split Level
	Warsop	2	1	1	1	1	2	1	1	3 or 4
Newark & Sherwood	Cotham	2	1	1	1	1	1	1	1	2
	Bilsthorpe	1	1	1	1	1	1	1	1	
Rushcliffe	Langar	2	1	1	1	1	2	1	1	
	West Bridgford	2	1	1	1	0	6	1	1	1 x low

BANK INFORMATION

TYPE	Supplier	Model	Size
Glass Banks (All)	Pd Rotomouldings	Spacesaver	2.5 Cu.M
Can Banks	Egbert Taylor	Continental	1100 Ltr
Plastic Banks	Pd Rotomouldings	Plastibank	2 Cu.M

Oil Bank
Pd Rotomouldings

Oil Bank

1800 Ltr

Textile Banks

1220mm(D)

Firber Engineering

Ncc

1500mm(W) X 2010mm(H) X

Gas Cages

Generally fabricated to suit site rather than purchased

Battery Boxes

None to be Transferred

Transferring Fixed Assets:-

Area	Site	Toilet		Kitchen/Mess		Office		Store Facility		Covered Area		Steps		Height Barriers
		No.	P or F	No.	P or F	No.	P or F	No.	P or F	No.	P or F	No.	P or F	No.
Ashfield	Sutton									1	F	1	P	2
	Kirkby	1	F	1	F	1	F			1	F			2
	Hucknall	1	P	1	P	1	P			1	F			1
Bassetlaw	Daneshill	1	F	1	F	1	F					1	P	1
	Retford	1	F	1	F	1	F							2
Broxtowe	Beeston	1	F	1	F	1	F	1	F					2
	Giltbrook	1	P	1	P	1	P			1	F	1	P	1
	Stapleford							1	F					
Gedling	Gedling	1	F	1	F	1	F	1	F			1	P	2
	Calverton	1	P	1	P	1	P	1	F					3
Mansfield	Mansfield	1	P	1	P	1	P			1	F			2
	Warsop	1	F	1	F	1	F	1	F	1	F			2
Newark & Sherwood	Cotham	1	F	1	F	1	F	1	F			1	P	1
	Bilsthorpe	1	F	1	F	1	F	1	F	1	F	1	P	1
Rushcliffe	Langar	1	F	1	F	1	F							2
	West Bridgford	1	P	1	P	1	P			1	F	1	P	1
	Fiskerton	1	F	1	F	1	F	1	F	1	F			2

P = Portable

F = Fixed

