

Assessment of Whole-life Costs due to Reduced Payload

Supplier	Chassis Make	Body	Tender value	Est. Payload (tonnes)	Resultant increased tips over 7 yrs	Resultant increased cost of tips for 7 yrs	Whole life cost taking account of Payload
Faun Zoeller (UK) Ltd	Mercedes Econic 2629LL/33 Rear steer	Faun Selectapress 5	£147,875.00	9.985	5	£245.54	£148,120.54
Dennis Eagle Ltd	Dennis Eagle Elite 2 6x2 rear steer (W/b 5.2m)	High Cap. Twin 20 70/30	£145,082.00	10.250	0	£0.00	£145,082.00
Farid UK Ltd	Mercedes benz Econic 2629 6x2 Rear Steer	Selecto MkII	£140,194.00	9.150	338	£15,183.63	£155,377.63
Sparshatts of Kent Ltd	Mercedes benz Econic 2629 6x2 Rear Steer	Selecto MkII	£138,204.00	9.150	338	£15,183.63	£153,387.63
Sparshatts of Kent Ltd	Mercedes benz Econic 2629 6x2 Rear Steer	Faun 20	£145,435.00	9.985	5	£245.54	£145,680.54
Geesinknorba Ltd	Mercedes Benz (Euro5) 2629LL 6x2 Mid Steer	21H25	£149,989.00	11.925	0	£0.00	£149,989.00

Assessment of payloads

The higher the payload the fewer trips to tip waste. A payload datum of 10 tonne has been used to estimate the number of extra trips to tip and so estimate the increased costs over the 7 year depreciated life of the vehicle. Using that payload and two trips to tip per day, calculate the number of additional trips to the tip (based on 260 working days/year) over seven years. The estimated average cost of each round trip to tip allowing for fuel, vehicle wear and tear and crew hours (driver + 1 @ 1.0 hour each are shown below). These rates do not include any inflationary increase over the seven year whole-life period.

Notes:	
Wear & Tear (£11,550/ann.)	6.00
Fuel p/hr	10.00
Crew	28.90
	£44.90