

Live Mains Insertion versus Dead Mains Insertion Cost Comparison

	Unit Details (Number of)	Unit Cost	Live Mains Insertion (LMI)	Dead Mains Insertion (DMI)	LMI/DMI Saving
Additional Materials					
Glandbox™	1	£57.00	£57.00		
End Seal	5	£21.00	£105.00		
Foam Off	5	£24.00	£120.00		
Metallic Top Tee	11	£9.65		£106.00	
Sub Total	n/a	n/a	£282.00	£106.00	£176.00 (£0.88/m DMI saving)
Purge and Relights *					
P&R—LI	19	£68.50	£1300.00		
P&R—DI	30	£68.50		£2055.00	8 transfers not requiring a double P&R
Sub Total	n/a	n/a	£1300.00	£2055.00	£755.00 (£3.75/m LMI saving)
Reinstatement					
Tipping	#	£8/tonne	£192.00	£344.00	LMI requiring one insertion trench for 200m (dimensions from codes of practise). DMI requiring two insertion trenches for 200m (dimensions from codes of practise).
Backfill	#	£8.55/tonne	£205.00	£367.00	
Tarmac	#	£37/m ²	£370.00	£666.00	
Sub Total	n/a	n/a	£767.00	£1377.00	£610.00 (£3.00/m LMI saving)
Final Comparison			£2349.00	£3538.00	£1189.00 (£5.95/m LMI saving)

Comparison based on a typical insertion project of 200m of 4" cast iron inserted with 75mm PE with 19 services of which 11 are relays and the remaining 8 are transfers using a 6 man gang

* Average purge and relight cost for 2012 to 2013 being at £68.50 including re-run of copper etc. if required

Live Main Insertion reinstatement — 10m³ / 24 tonnes and Dead Mains Insertion — 18m³ / 43 tonnes

Figures taken from a network utilising both Live and Dead Mains Insertion (6 man gang replacing 200m incl. services/backfill p/w using LMI)



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