

## Appendix 3

### Case study: Bradford City Council Street Lighting

Level of capital investment (£)	£45,000,000
Leverage	1:284
Delivery data	Contract award – December
Current status	Approved 16 July 2019

#### Project description

This project is an upgrade of the district's aging street lights to new smartLED technology which will deliver significant, much needed energy, environmental and financial benefits. The project will deliver the replacement of over 59,000 lights and replacement of 17,000 lampposts. This will reduce the requirement for continual maintenance and will improve the health and safety implications of frequent work at height.

The Energy Accelerator has identified the following project scope:

- Estimated capital investment: £45,000,000
- Estimated annual savings:
  - Cost: £2,000,000
  - Energy: 16.8 million kWh (65% saving per annum)
  - Carbon dioxide: 4,730 t CO<sub>2</sub> eq.

#### Scope of Energy Accelerator support

The City of Bradford Metropolitan District Council, Technical and Commercial Teams are working on the overall procurement and delivery. They need the Energy Accelerator to provide specialist Contracts, Technical and Commercial support. The Energy Accelerator is able to provide support to enable Bradford City Council to deliver valid tender documentation and engage the winning contractor with a greater degree of confidence.

Support includes:

- Compilation of tender documentation and associated data
- Contract review of the Tender documentation.
- Technical review of the Tender documentation.
- Commercial and Contracts support in development of the Tender documentation.
- Specialist Technical Advisory services in support of the Tender documentation.
- Salix Commercial Review.
- Tender period support at mid-tender review meetings.
- Tender evaluation support.

#### Expected outcomes

- Energy saved: 16.71 GWh per annum
- CO<sub>2</sub> reduction: 4,730 t CO<sub>2</sub> per annum
- Lighting Luminaires improved: 59,000 nr

- 60 temporary jobs (dependent on investment)
- 13 permanent jobs