

# PERTH AND KINROSS COUNCIL

## Environment and Infrastructure Committee

22 January 2020

### Street Lighting Partnership Agreement

#### Report by Depute Director (Housing & Environment) (Report No. 20/08)

The report seeks approval to extend the existing Street Lighting Partnership with Dundee City Council and Tayside Contracts, and to incorporate Angus Council into the Partnership Agreement for the shared service delivery of street lighting. The agreement will run for the period to 31 March 2023. A report is going before Dundee City Council on 27 January 2020 and Angus Council in May 2020 seeking to work to the same Partnership Agreement.

#### 1. BACKGROUND / MAIN ISSUES

- 1.1 The existing Street Lighting Partnership between Perth & Kinross Council, Dundee City Council and Tayside Contracts was set up in 2006. This was the first partnership in this form and, over the last 13 years, the Partnership has consistently performed well against its various objectives and its key service performance indicators. The Street Lighting Partnership is fully committed to the Roads Asset Management Planning framework. As such, all street lighting inspections, repairs, inventory and records are held and updated electronically.
- 1.2 Full performance data is included in the annual Roads Asset Status Report ([Report No. 19/305](#)), [Appendix 1](#) and [Appendix 2](#).
- 1.3 The Council performance for repairing faults remains one of the best in Scotland with 98.40% of faults repaired within 7 days. The average cost of repairing a routine fault is £49.02 which remains one of the lowest in Scotland. In addition, the average time taken to repair a fault has continuously improved and is substantially less than the Scottish average of 6.93 days.

Description	Results			Analysis
	PKC 2017/18	SCOTS Family Group Average	National Average	
Percentage of repairs within 7 days	98.40%	83.53%	88.83%	The Council performance for repairing faults is better than SCOTS family group and one of the best across Scotland
Average cost for repairing a routine fault	£49.02	£60.92	£95.21	One of the lowest across Scotland
Average time taken to repair (days)	2.44 days	5.22 days	6.93 days	Substantially lower than both the SCOTS family group and the Scottish average
Public calls as a percentage of street	11.13%	6.97%	7.83%	The Council receives more calls when

Description	Results			Analysis
lights				compared to the SCOTS benchmarking family group and Scotland

Table 1 – Performance Indicators

- 1.4 The Street Lighting Partnership is currently 4 years into its LED replacement programme to drive down energy costs and replace the infrastructure in a planned, phased manner. Delivery is ahead of programme. The following table shows the forecast data from the Scottish Futures Toolkit which the business case was based on, compared against the last 3 years figures. This shows energy reduction and cost savings are significantly greater than forecast in the business case.

LED Replacement Programme	2015/16	2016/17	2017/18	2018/19
SFT Forecast Energy (kWh)	9,262,753	8,414,074	7,682,897	7,197,520
<b>Actual Energy (kWh)</b>	<b>8,879,121</b>	<b>7,749,283</b>	<b>6,993,048</b>	<b>6,578,241</b>
SFT Forecast Energy Saving (kWh)		848,679	1,579,858	2,065,233
<b>Actual Energy Saving (kWh)</b>	<b>383,632</b>	<b>1,513,470</b>	<b>2,269,705</b>	<b>2,684,512</b>
SFT Forecast Energy Cost (£)	£1,017,454	£1,144,851	£1,259,158	£1,290,711
<b>Actual Energy Cost (£)</b>	<b>£1,083,924</b>	<b>£1,006,360</b>	<b>£885,452</b>	<b>£920,923</b>
SFT Forecast Energy Cost Saving (£)		£104,969	£176,359	£235,170
<b>Actual Energy Cost Saving (£)</b>	<b>£46,832</b>	<b>£196,547</b>	<b>£288,961</b>	<b>£257,008</b>

Table 2 – LED Replacement Programme Energy Figures

- 1.5 Service standards levels have either improved or remained relatively steady over the last 4 years despite a reducing budget and increased asset base to maintain. This is as a result of efficient use of staff and other resources through the Partnership.

Measured By	2015/16	2016/17	2017/18	2018/19
Revenue Budget excluding energy usage	£487,671	£280,161	£348,733	£338,670
Electrical testing of all equipment shall be undertaken at a frequency of 6 years	65.37%	68.09%	65.25%	62.92%
Emergency faults shall be made safe or repaired within 4 hours of notification	100%	100%	100%	100%
The percentage of street light columns exceeding their expected service life (ESL) should be no more than 25%	19.86%	19.01%	18.27%	18.40%
A non-emergency fault shall be rectified within 7 working days (Single Outage)	97%	98.5%	99%	98.40%
Average time taken to repair faults to restore lamps to working order	2.74 days	2.38 days	2.31 days	2.44 days
Average cost for repairing a routine fault	£34.52	£39.03	£45.46	£49.02
Public calls as a percentage of street lights	8.24%	9.92%	11.76%	11.13%

Table 3 – Service level trend

- 1.6 The Street Lighting Partnership has gained national recognition as a result of its level of service and service approach. In 2008, it reached the finals of the Association of Public Service Excellence (APSE) awards in the Public/Public Partnership category. In 2010, it was a finalist in the APSE Best Performing category. In 2013, 2016, 2017 and 2018 the Council was shortlisted for the APSE UK National Award ‘Best and Most Improved Performer’ for the delivery of Street Lighting.
- 1.7 The Partnership has operated as an integrated team, supported by a single Street Lighting Partnership Manager covering both Perth and Kinross Council and Dundee City Council. It is intended to extend it to include Angus Council. The current Partnership has realised many benefits for both Councils and Tayside Contracts, including:
- the larger team based across the Councils is adaptable in dealing with variations in workload
  - since its inception, the partnership approach has provided opportunities for efficiencies and reduced staff levels and costs for both Councils and Tayside Contracts to ensure a continued level of service with reducing budgets
- 1.8 In addition, the proposed arrangement to include Angus Council provides for
- a more resilient workforce across the partners, sharing skills and experience in an industry currently facing difficulties in terms of recruitment and retention

- the production of a common specification which would further reduce the costs of storing materials, and encourage greater cost savings through bulk purchasing. This approach is supported by Scottish Government initiatives, Procurement Scotland, Scotland Excel and the Tayside Procurement Consortium (TPC)
- improved utilisation of specialist vehicles as a result of sharing across authorities
- the achievement of the Scottish Government's objectives in increased partnership working and shared services in line with the Efficient Government agenda
- for scope for further development of such a partnership, for example by other Councils joining to realise more efficiencies.

1.9 An Executive group comprising two senior officers from each Council and Tayside Contracts will meet at least four times a year to review performance of the Partnership against a number of agreed criteria.

1.10 The Street Lighting Partnership is well advanced in many areas of new technologies, with LED lanterns now both more affordable and attractive. At end of November 2019, 8,240 out of 17,500 lanterns had been replaced as part of the 10 year programme. After 3½ years, this is 2,740 ahead of the planned programme and already delivering annual energy savings exceeding £250k (2019/20). A Central Management System (CMS) has been installed in the City Centre. The system can adapt the lighting levels of the street lights remotely using Radio Frequency (RF) signal communication, which enables the lighting levels to be dimmed remotely as required, reducing light pollution and energy costs. It also controls the Christmas lights.

## **2. PROPOSALS**

2.1 While being one of the leading Councils in the delivery of a street lighting service, there are still opportunities for improvement to further enhance and build on the successes that have been realised to date.

2.2 This report proposes the extension of the existing partnership with Dundee City Council and Tayside Contracts, and to incorporate Angus Council into the Partnership Agreement for the shared service delivery of Street Lighting. The agreement will run for the period to 31 March 2023.

2.3 Through the SCOTS Asset Management project, the Partnership is undertaking an active role in the introduction and development of Asset Management tools and techniques to help further improve the service. Some of these initiatives and projects will take time to develop.

## **3. CONCLUSION AND RECOMMENDATION**

3.1 It is recommended that the Committee

- (i) notes the contents of this report; and
- (ii) approves the new Street Lighting Partnership to include Angus Council through a 3 year Partnering Agreement to 31 March 2023.

**Author**

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**Approved**

<b>Name</b>	<b>Designation</b>	<b>Date</b>
Barbara Renton	Executive Director (Housing & Environment)	13 January 2020

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## 1. IMPLICATIONS, ASSESSMENTS, CONSULTATION AND COMMUNICATION

<b>Strategic Implications</b>	<b>Yes / None</b>
Community Plan	<b>Yes</b>
Corporate Plan	<b>Yes</b>
<b>Resource Implications</b>	
Financial	<b>None</b>
Workforce	<b>None</b>
Asset Management (land, property, IST)	<b>None</b>
<b>Assessments</b>	
Equality Impact Assessment	<b>None</b>
Strategic Environmental Assessment	<b>None</b>
Sustainability (community, economic, environmental)	<b>Yes</b>
Legal and Governance	<b>Yes</b>
Risk	<b>None</b>
<b>Consultation</b>	
Internal	<b>None</b>
External	<b>None</b>
<b>Communication</b>	
Communications Plan	<b>None</b>

### 1. Strategic Implications

#### Community Plan

1.1 The Perth and Kinross Community Planning Partnership (CPP) brings together organisations to plan and deliver services for the people of Perth and Kinross. Together the CPP has developed the Perth and Kinross Community Plan which outlines the key things we think are important for Perth and Kinross.

- (i) Giving every child the best start in life
- (ii) Developing educated, responsible and informed citizens
- (iii) Promoting a prosperous, inclusive and sustainable economy
- (iv) Supporting people to lead independent, healthy and active lives
- (v) Creating a safe and sustainable place for future generations

1.2 It is considered that the actions contained within this report contribute to all of the above objectives.

#### Corporate Plan

1.3 The Council's Corporate Plan 2018-2023 outlines the same five objectives as those detailed above in the Community Plan. These objectives provide a clear strategic direction, inform decisions at a corporate and service level and shape resource allocation. It is considered that the actions contained in the report contribute to the objectives as outlined in paragraph 1.1 above. These objectives are met by implementing and maintaining lighting assets which promote safety for all road users.

## **2. Resource Implications**

### Financial

- 2.1 The proposals contain in this report should ultimately deliver savings to the Council as the installation and management of the Council's street lighting becomes more efficient. In addition, the replacement and installation of more efficient LED lanterns will generate further energy savings for the Council.

### Workforce

- 2.2 There are no workforce issues as a result of the proposal in this report.

### Asset Management (land, property, IT)

- 2.3 The proposals in this report focus around the improvement of the Council's street lighting network.

## **3. Assessments**

- 3.1 IAT Final report has been completed and uploaded via PKC internet system. The IAT combines the functions and requirements of Equality Impact Assessment (EqIA), Sustainability Assessment and pre-screening/screening for Strategic Environmental Assessment (SEA). The IAT 'final report' is supporting evidence that the assessments listed below have been undertaken.

### Legal and Governance

- 3.2 The Council is required, as Roads Authority under the Roads (Scotland) Act 1984, to manage and maintain the roads held on the List of Public Roads. This report considers the discharge of this duty.

### Risk

- 3.3 There are no significant risks associated with the implementation of this project.

## **4. Consultation**

### Internal

- 4.1 No internal consultation has been undertaken in preparation of this report however extensive discussion and consultation took place prior to the initial entering of the Partnership in 2006.

### External

- 4.2 Discussion and consultation has taken place with the other 3 partners; Angus Council, Dundee City Council and Tayside Contracts.

**5. Communication**

5.1 No communication has been carried out in preparing this report.

**2. BACKGROUND PAPERS**

2.1 Enterprise and Infrastructure Committee Report (12/131) – 21 March 2012.

**3. APPENDICES**

3.1 Appendix 1 – Street Lighting Partnering Agreement.