**SECTION – C**

**STREET LIGHTING STANDARDS**

**FOR ROADS, STREETS AND FOOTPATHS**

**CONTENTS**

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
| **1** | **Design Philosophy**  |  |
|  |  |  |
| **2** | **General Requirements** |  |
|  |  |  |
| **3** | **Equipment Specification** |  |
|  |  |  |
| **4** | **Design Service** |  |
|  |  |  |
|  |  |  |

1. **Design Philosophy**
	1. Effective street lighting which is efficient to operate and manage must be provided to:
	* improve road safety
	* reduce the incidence of night time crime
	* improve the perception of street safety and security
	* increase leisure and commercial activity after dark
	* encourage walking, cycling and use of public transport
	* facilitate safer routes to schools
	* improve the effectiveness of other community safety measures such as closed circuit television (CCTV) and Automatic Number Plate recognition (ANPR)
	* create a quality environment for local people, business and tourism
	1. The Road, Street and Footpath lighting design and specification shall incorporate, wherever possible use of modern materials and proven innovation in lighting provision including lanterns, control equipment, energy saving devices and dusk/dawn lighting strategy in accordance with Legal requirements and individual Councils constraints and policies. Therefore, the design and specification may vary and therefore further advice and the local specification should be obtained from the Council Streets Lighting Engineer / Network Lighting Manager prior to the commencement of lighting design. Contact Details are provided in Appendix H.
	2. Deviation from the Councils current standards would attract a commuted sum to cover the additional maintenance and energy costs. Refer to Section D of the document for further details on commuted sum payments.
2. **General Requirements**
	1. All Road and Street Lighting Installations shall comply with all relevant BS EN 13201-2:2015 and BS5489-1:2013 Standards and BS7671:2018 and revisions thereof.
	2. Any revisions of BS EN or BS Standards thereof, whether mentioned or not in this Specification must be complied with at the Developers cost.
	3. Unless otherwise agreed by the Street Lighting Engineer / Network Lighting Manager all columns shall be supplied with an individual Electricity Supply Company’s 230 Volt 50 Hz PME type 24 Hour Live Service. It is the responsibility of the Developer to arrange for and pay for services to be provided.
	4. Unless otherwise agreed by the Network Lighting Manager illuminated road furniture and the like shall be sub fused from the nearest column.
3. **Equipment Specification**
	1. Councils will have established individual specifications and procedures to accord with local conditions and maintenance strategies therefore equipment specification and any specific design requirements due to local context must be obtained from the Councils Street Lighting Engineer or Network Lighting Manager. Contact details are provided within Appendix G.

**4 Design Service**

Individual Councils may be able to offer Street Lighting Design Services and Contact numbers are provided in Appendix G.