

## Eco Impact Checklist

<b>Title of report: Street Lighting Contract (£2.5m)</b>				
<b>Report author: Razvan Constantinescu</b>				
<b>Anticipated date of key decision 14 July 2020</b>				
<b>Summary of proposals: Seeking approval to initiate the tendering of this contract</b>				
Will the proposal impact on...	Yes/ No	+ive or -ive	If Yes...	
			Briefly describe impact	Briefly describe Mitigation measures
Emission of Climate Changing Gases?	Y	+ive	Fleet of vehicles emissions	Request electric or low emission vehicles as part of the contractual terms and request Contractors evidence how further reductions can be provided as part of the quality submission.
Bristol's resilience to the effects of climate change?	Y	+ive	Environment-friendly equipment	Request environmental friendly equipment as part of the specification. Reduce carbon usage by good designs and low carbon technology. Give careful consideration when procuring materials to ensure minimum impact on the environment.
Consumption of non-renewable resources?	Y	+ive	Materials	Work with Manufacturers and Suppliers to incorporate renewable resources, re-use equipment, and upgrade equipment.
Production, recycling or disposal of waste	Y	+ive	Poor Waste Management	WEEE Regs disposal of electrical items, re-using equipment, upgrading existing equipment, recycle lanterns and convert to LED.
The appearance of the city?	Y	+ive	Street Clutter & Conservation areas	Reduce street clutter by researching innovative products and designs. Ensure the heritage of the city is addressed with suitable and quality products. Quality

				equipment will improve the appearance of the city and beneficial to the people of Bristol.
Pollution to land, water, or air?	Y	+ive	Hazardous Waste	Ensure Safe Systems of work, COSHH, Training, Inspections and supervision. Have action plans in place.
Wildlife and habitats?	Y	+ive	Light Spill	Ensure consultation with ecology, Lighting designs comply with legislation and ILP recommendations. Specify products suitable to comply with Light Spill and Ecology recommendations

**Consulted with:**

**Summary of impacts and Mitigation - to go into the main Cabinet/ Council Report**

The significant impacts of street lighting and other highway electrical works are travel, purchase of new equipment and spares, (and their impact on energy use, longevity, and light pollution), and waste. This proposal does not change the nature of the work, although it does expand the scope covered by this contract.

The proposals include the following mitigation measures: requesting the use of more sustainable equipment and vehicles, joint working with the contractor to improve waste reuse, recycling, and waste disposal, ecological consultation and consideration of light pollution in designs.

The net effects of the proposals are similar to current operations, although the installation of more energy efficient lighting equipment has the potential to be significantly beneficial.

**Checklist completed by:**

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Extension:	
Date:	22/05/2020
Verified by Environmental Performance Team	Giles Liddell