



## Cambridge City Council

**To:** Executive Councillor for Arts, Sport and Public Places  
**Report by:** Cultural Facilities Manager, Steve Bagnall  
**Relevant scrutiny committee:** COMMUNITY SERVICES  
**Wards affected:** None

### **Project Appraisal and Scrutiny Committee Recommendation** **Project Name: Corn Exchange House Lighting LED Upgrade**

#### **Recommendation/s**

##### **Financial recommendations –**

The Executive Councillor is asked to recommend this scheme (which is not included in the Council's Capital & Revenue Project Plan) for approval by Council, subject to resources being available to fund the capital and revenue costs.

- The total cost of the project is £40,000, funded from repair and renewal funding and a grant from the Climate Change Fund.
- There are no adverse revenue implications arising from the project. The bid to the Climate Change Fund identifies savings from lighting efficiency which when realised will be returned to the Council.

##### **Procurement recommendations:**

The Executive Councillor is asked to approve the procurement of replacement and upgraded house lighting for the Corn Exchange at a total cost of £40,000.

- Subject to permission from the Executive Councillor being sought before proceeding if the value exceeds the estimated contract by more than 15%.

## Summary

### 1.1 The project

Target Dates:	
Start of procurement	February 2012
Award of Contract	March 2012
Start of project delivery	July 2012
Completion of project	August 2012

### 1.2 The Cost

Total Project Cost	<b>£ 40,000</b>
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#### Cost Funded from:

Funding:	Amount:	Details:
Reserves	<b>£</b>	
Repairs & Renewals	<b>£14,300</b>	27708 8189
Developer Contributions	<b>£</b>	
Other	<b>£25,700</b>	Climate Change Fund

#### Ongoing Revenue Cost

Year 1	<b>£</b>	No maintenance contract required
Ongoing	<b>£</b>	

### 1.3 The Procurement

The supply of LED lighting equipment is a relatively specialist area for which the Council does not have an Approved List. The equipment purchase element exceeds £30,000 therefore a formal invitation to tender including a specification will be issued to at least four candidates approved by the Head of Service. An advertisement will be used as necessary to source such appropriate candidates. Three quotes will be obtained from

suitable electrical contractors for the electrical installation element of the project.

## **2 Project Appraisal & Procurement Report**

### **2.1 The Project**

The general house lighting system in the Corn Exchange auditorium needs replacing. The existing system was installed over 15 years ago and is rapidly becoming life expired.

The proposal is to replace the existing lights with a LED lighting system, which is more energy efficient and will therefore lead to a reduction in both running costs and carbon emissions.

Furthermore, under the existing system, there are currently more light fittings than required by today's standards. Therefore, as part of the lighting upgrade, the number of light fittings will be reduced, which will further reduce costs and emissions.

As an alternative, the existing lighting system could be replaced on a 'like-for-like' basis, for example with metal halide fittings and tungsten halogen floodlights. This option would be cheaper (est. cost of around £14,000) but would not deliver the ongoing cost and carbon savings that will be achieved through a LED lighting solution.

A successful bid has been made to the Climate Change Fund which will fund the uplift in costs incurred by the LED element. Identified revenue savings in utility consumption will be returned to the Council from A&R budgets.

Based on current event activity in the Corn Exchange the saving is estimated to be around £5000 per year.

### **2.2 Aims & objectives**

To continue to provide suitable and cost-effective lighting for the Council's premier entertainment venue, whilst at the same time reducing the Council's energy use, costs and carbon emissions.

This proposal will support the Council's corporate objective to be 'A city in the forefront of low carbon living.'

### 2.3 Major issues for stakeholders & other departments

By helping to reduce the Council's energy use and carbon emissions, this proposal will support delivery of the Council's Carbon Management Plan. The proposal has been discussed with the Climate Change Officer from the Sustainability Team in Corporate Strategy, who is supportive.

### 2.4 Summarise key risks associated with the project

The existing lighting system was installed over 15 years ago and is coming to the end of its useful life. Not renewing the system could lead to a house lighting failure which might result in cancelled events.

### 2.5 Financial implications

- a. Appraisal prepared on the following price base: 2011/12
- b. Specific grant funding conditions are:
- c. Other comments:

### 2.6 Capital & Revenue costs

<b>(a) Capital</b>	<b>£</b>	<b>Comments</b>
Building contractor / works	7,783	Quote obtained
Purchase of vehicles, plant & equipment	31,869	Quote obtained
Professional / Consultants fees		
IT Hardware/Software		
Other capital expenditure		
<b>Total Capital Cost</b>	<b>39,652</b>	<b>Rounded to £40,000</b>

<b>(b) Revenue</b>	<b>£</b>	<b>Comments</b>
Maintenance		
R&R Contribution		Existing annual contribution to CEX r&r
<b>Total Revenue Cost</b>	<b>0</b>	

## 2.7 VAT implications

This work will be subject to VAT at the standard rate.

## 2.8 Environmental Implications

Climate Change impact	M+
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This project will support delivery of the Council's Carbon Management Plan and carbon reduction target. The venue will display information about the project, which will help to raise awareness amongst visitors to the venue and enable the Council to demonstrate strong leadership on carbon reduction.

## 2.9 Other implications

No other implications

## 2.10 Staff required to deliver the project

The project will largely be delivered by external contractors. Some input in terms of monitoring and supervision will be required from the Corn Exchange technical team. Work is currently scheduled to take place during the summer maintenance shut down period.

## 2.11 Dependency on other work or projects

Not Applicable

## 2.12 Background Papers

Not Applicable

## 2.13 Inspection of papers

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