

Extract from a Local Authority business case proposal for procurement of Cities Revealed Thermal Survey and Carbon Emission programme.

Case was successful and funding approved

“The following work areas define a requirement for a borough wide thermal / carbon survey:

**1. Strategic Housing Service Action Plan (forming part of the Housing Strategy 2008-2013)**

1.1 Use the proposed updated private sector stock condition survey to develop a clearer understanding of the extent of compliance with the decent homes standard (DHS) and update the strategic framework. The Government believes that everyone should have the opportunity to have a decent home.

The thermal comfort criteria of the Decent Homes Standard requires dwellings to have both effective insulation and efficient heating. The most efficient and cost effective way of monitoring this is to conduct a thermal survey of all properties in the borough.

1.2 Develop and up-to-date strategic approach to delivering affordable warmth initiative. From this requirement stems the XXBC Home Energy Conservation and Fuel Poverty Strategy.

**2. Home Energy Conservation and Fuel Poverty Strategy**

2.1 Priority 1.Reduction of Fuel Poverty.

A thermal survey will assist in identifying people most in need by providing baseline information on heat loss from all buildings. Also, within this priority there is the need to work with registered social landlord partners to improve energy efficiency in social housing. A thermal survey will provide thermal conditions for all social housing stock.

2.2 Priority 2. Raising awareness of energy conservation and renewable energy.

A thermal survey will graphically demonstrate heat loss from individual buildings. This data can be displayed on the web (through ‘My XXXXX web site’) and can strengthen mail-shots etc.

2.3 Priority 3. Implementing energy efficiency and renewable energy measures.

There is a requirement to increase the number of energy efficiency measures installed in ‘targeted’ homes. Homes can only be targeted with accurate baseline data...a thermal survey.

**3 Climate Change Bill 2008 committing the government to reduce carbon emissions by 60% by 2008**

3.3 National Indicator 185..Percentage CO2 reduction from LA operations. A thermal survey will identify inefficient XXBC properties and will also demonstrate leadership on tackling climate change.

3.4 National Indicator 186...Per capita CO2 emissions in the LA area. XXBC is uniquely placed to provide vision and leadership to local communities by raising awareness and promoting change. A thermal survey with its associated graphical representation of heat loss from buildings will assist in awareness raising and change promotion.

3.5 National Indicator 187...Tackling Fuel Poverty...measuring the percentage of people receiving housing benefits living in homes with a high and low energy efficiency.

3.6 National Indicator 188...Planning to Adapt to Climate Change...measuring the LA’s progress in assessing the risk and opportunities of a changing climate.”