



## Community Buildings Committee Meeting

Date: 4<sup>th</sup> April 2024

Number: CB053

### To consider the proposed loft insulation quotes at the Queen's Hall

#### 1. Introduction

As part of Cuckfield Parish Council's aim to become more energy efficient and Carbon Neutral, actions have been put in place at the Queen's Hall to reach the targets set in the Carbon Reduction Plan. One of the first steps to be completed is the full loft insulation of the Queen's Hall loft space, including above the museum. This has become an urgent task to fulfil as there is no existing insulation in the whole loft space of the Queen's Hall a part for a very small section above the research room. Three companies were contacted and visited the site to provide us with quotes, described below.

#### 2. Quotes

Thermal Construct, Royston, Herts

<http://www.thermalconstruct.co.uk/>

Description of work:

- Install 300mm of Knauf Mineral loft roll 44 over a total of 198m<sup>2</sup> @ £11 per m<sup>2</sup>
- 3 main loft areas to be covered:
  - o Museum with 31m<sup>2</sup>
  - o Main Hall with 105m<sup>2</sup>
  - o Middle section with 62m<sup>2</sup> (between Museum and main hall, above the council chamber)

Quote total: £2,178.00 (Price includes VAT, all parts and labour)

RJ Insulation, Ipswich

<https://rjinsulation.co.uk/>

Description of work:

- Sweep and Hoover the entire loft space to remove any debris or nasty leftover fibres in the loft
- Install Sheep's Wool loft insulation to a total depth of 240mm. 100mm laid between the joists and 140mm laid at a right angle. This provides a U-Value of 0.16W/m<sup>2</sup>K which meets current building regulations.

- Install 98 Eaves Vent trays between the 100mm layer and between the roof membrane at the end of the eaves. This is to create a 25cm gap to allow adequate airflow into the loft to help ventilate the loft.

Quote total: £12,249.54 based on a total square meterage of 198m<sup>2</sup>

*A lifetime guarantee certificate for the Sheep's wool insulation that covers the product and workmanship is provided with a 5 year insurance back guarantee from the IWA (Independent Warranty Association).*

Ignite Insulation, Chandlers Ford, Hampshire

<https://www.ipgl.uk/>

Description of work:

- Install Knauf Earthwool Loftroll 44, with one layer in between the joists and a second layer at a right angle, over the top.
- Any insulation or boarding to be removed will be bagged up, where possible, to minimise any mess in the living area.

Quote total: £3,200.82

(The installation of insulation is 0 rated for VAT purposes.)

*Installation covered by a 2-year insurance backed guarantee, provided by the IAA/CIGA or Qualitymark and accredited by The IAA, Qualitymark, Trustmark, KIWA and the National Insulation Association.*

### **3. Recommendation**

Although sheep's wool would be the material recommended for a grade II listed building, the Knauf Mineral roll is as good quality as sheep's wool, cheaper and comes highly recommended. This material is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Earthwool Loft Roll 44 is a high-performance thermal insulation product ideal for the rigorous thermal insulation of pitched roofs at ceiling level and I would recommend we use this material for the loft space at the Queen's Hall.

Name: Noemi Ripert

Title: Communications & Admin Officer

Date: 18<sup>th</sup> March 2024