

## Kingston Pavilion

### Replacement of heating equipment

KPC has already agreed to replace the current gas boiler which is becoming increasingly expensive repairs.

The cost of gas usage from April 18 to March 19 was £654.56 and from April 19 to March 20 was £705.97. (20/21 was not typical due to Covid and the closure of the Pavilion).

We have obtained two quotes so far \* for the installation of a replacement gas boiler and for the installation of an air heat pump. In cost terms, it is estimated that the cost of electricity to run an air pump over 15 years would be £9634, against the cost of gas to run a gas boiler at £14241. \* We are awaiting one more quote for an air heat pump which should be available for the meeting on 14 July.

The estimate to provide and install are:

Alpha Gas boiler      £5095 + VAT £1019

Air pump      £13769 + VAT £688.45

BHESCO      Air pump only including them overseeing the “project”      £14700. A new cylinder (to replace the one already purchased) may also be required. \* BHESCO provided an estimate of costs including their offer of a heat supply agreement for a fee of £120 + VAT.

We have not received advice about how noisy the air pump would be (it would be affixed to the outside of the building) nor if planning permission would be required.

It is anticipated that the carbon emissions saved from installing a air heat pump is the equivalent of planting 41 trees or driving 6243 miles. Over 15 years it is the equivalent of removing 9 passenger cars off the road.

KPC is requested to decide which form of heating should be used, and to agree the purchase and installation. This will mean that the Pavilion can reopen.

Fiona Harrison

4 July 2021