**Our Hall, Our Future (St Newlyn East) : Tender questions raised with proposed responses.**

Is there a budget for the installation of solar panels and batteries separate to ASHP?

We have not broken down the budget in the way you have requested as the tender requires bids for the entire works and not the individual parts.

How much energy does the hall use annually and at what unit rate?

 Please make your own assumptions re the hall’s typical annual energy usage based on a calculation of the hall being available 7 days per week at 9am-8pm x 5 days per week; 9am-midnight x1 day per week and 9am-10pm x 1 day per week (365 days per year including bank holidays). Day rate is currently 24.5p per unit & Night rate is 19.2p per unit.

What will the operational hours of the hall be throughout the year?

We anticipate hall opening hours will remain the same with increased usage – particularly dual usage of both rooms being rented out at the same times.: *7 days per week at 9am-8pm x 5 days per week; 9am-midnight x1 day per week and 9am-10pm x 1 day per week (365 days per year including bank holidays).*

How much energy has the heat pump installer said that the ASHP will use annually?  They should have produced a heat loss calculation to say how much energy it will use, this can be added onto the existing figures to get the expected annual usage.

I am sorry but we are unable to comment on other peoples system design. It will be up to individual applicants to design your own heat loss calculation for your proposed installation.

What are the dates for the proposed works?

This is stated in the contract information on Contracts Finder.

Will the solar panel installation follow straight on from the roof being replaced?  If so, can we use the same scaffold as the roofers have used or do we have to supply our own scaffold?

The intention is to have the panels installed as soon as possible after the roof is finished.  However, you cannot rely on the scaffolding remaining in place as the provision of the scaffolding is required for the current build tender and will be the responsibility of the winning bidder of that contract.  However, we would expect the winning bidder of this contract to liaise with the other contractor on this matter.

Do you want batteries that supply power in the event of a power cut?

Provision of battery storage is clearly stated in the tender documentation.

Has National Grid been approached to ascertain what sized PV and battery installation they will permit to be installed onto their network?  If so what size generation and how much export have they approved?

National Grid have not been contacted that we are aware of.

Will export limitation need to be installed?

Unknown

Will National Grid allow two EV chargers to be installed?

Unknown

What incoming supply does the hall have?  Single, split or three phase power?

We anticipate it to be single phase – please confirm on your site visit.

 Are you looking for individual voltage optimisers to be installed onto the back of the solar panels so they can shut the PV system down in the event of a fire?

This has not been specified specifically but it is up to the individual bidder to include this in the design/method statement to be supplied as Section 6 of the ITT.

 Are you looking for the PV inverter to be linked into the fire alarm panels to provide automatic shut down if the fire alarm is triggered?

This has not been specified specifically but it is up to the individual bidder to include this in the design/method statement to be supplied as Section 6 of the ITT.

I would also like to find out if you have approached any PV installers or consultants to come up with a spec for the PV array as they would have been though the above questions and should have all of the answers.

I am sorry but we are unable to comment on other potential bidders system design. It will be up to individual applicants to design their own installation.

I would also like to book a survey to look at the site and potentially to meet the builders, can you advise when this would be able to take place please.

I understand that you have made arrangements with Rosalyn Symonds for your own site visit to determine the building size, and its construction, to enable you to calculate and design the system required to satisfactorily meet its use demands.  Note insulation works also being carried out as part of the refurbishment works will be to insulate the building to current Building Regulations standards of roof 0.16W/m²K U-value and walls 0.18 W/m²K U-value.