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65 Tamar Street  
Launceston Tasmania 7250  
T +61 (3) 6331 2133  
F +61 (3) 6331 1995  
launceston@philplighton.com.au

[philplighton.com.au](http://philplighton.com.au)  
Hobart/Launceston/Burnie

**Flinders Island Community Hall  
Heating & Ventilation Proposal  
For Renewable Energy Fund - Flinders Island**

Dear Sir

The Flinders Island Community Hall is a unique facility serving the whole island community, and a variety of medium sized and small organizations supporting virtually all the islanders social and cultural events, ranging from lapidary clubs to funeral services, public meetings, community events & also provides the islands emergency response shelter.

The hall is the centre piece of the island community.

Accordingly the hall has to be as flexible as possible to cater for the differing user profile that also in compasses in addition to various numbers both day and evening events throughout the year, summer & winter.

While the building refurbishment has been completed for some time the ambient conditions within the hall make it less than optimal during both the warmest and coldest months.

This project is designed to provide an environmentally sensitive, low cost solution to the halls ventilation, cooling and heating concerns.

As the scope of work is greater than the available funding, a staged response is proposed.

Stage 1 will resolve the ventilation and cooling in most circumstances.

Stage 2 subject to the improvements of Stage 1 will provide additional heating and mechanical cooling if required.

Philp Lighton Architects Pty Ltd  
ACN 009 515 182  
ABN 82 009 515 182

**Directors**  
Peter Giblin FAIA  
Andrew Floyd AIA  
Peter Gaggin AIA

**Associate Directors**  
Pip Bilson DIA  
Anthony Dalgleish AIA

Stage 1 is a standalone project Stage 2 augments Stage 1.

Generally Stage 1 will upgrade the existing ventilation to meet and exceed “public assembly standards”, both within the main hall and secondly to associated break out spaces.

The design will be based on a passive solution. External air will be pushed, naturally (Prevailing wind- West) from high level into the building & controlled by electrically actuated damper to generate a venturi exhaust air system (East -lee side) will allow air out at low level, fan assist will be provided for calm ( no wind) days & a quick response time

Simple on off timing and temperature control will be provided for hall users ensuring only minimal training is required.

Within Stage 1 – separate zones will be provided for the separate functions within the man hall.

An emphasis will be placed on ensuring any mechanical plant will be sound attenuated to minimize any ambient noise as the Whitemark Community has a low background noise level.

### **Budget**

The budget for stage 1 is \$50,000 including builders work

### **The Project Team**

Project Manager	Andrew Floyd	Philp Lighton Architects
Mechanical	John Nichols	EST Solutions
Electrical	Matt Von Bertoch	EST Solutions

### **Team Role**

Provision of Concept design, Detail design, Price negotiation, Inspection and certification of completed project.

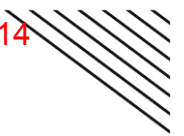
### **Fees**

Schematic Design	\$ 2,000
Detail Design & Negotiated Price	\$ 3,500
1 no Inspection and Commission	\$ 1200
SUB TOTAL ex GST	\$ 6700
Travel @ cost	\$ TBA
Hourly Rates @ \$150	

### **Construction**

Provision of mechanical plant, installation, balancing and 12 months maintenance.

We propose to use the same contractor as is currently working on the Flinders Island Hospital (White and McCallister) project that is nearing completion.



Note the contractor will be travelling to the island on a regular basis for of the Whitemark hospital maintenance.

Please call if we can further elaborate on this proposal

Yours Faithfully

Andrew D Floyd

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