

## **West Area Committee Energy Efficiency Improvements for Community Buildings**

### **West Place Board Report – 16 February 2017**

#### **Introduction**

Energy Surveys have been carried out a various community buildings within the West Area Committee boundary. West Area committee allocated £15,000 per ward for energy efficiency measures along with £10,000 for surveys and management of the scheme. The surveys have been undertaken by the Council's Energy Conservation Team and the priority energy efficiency measures have been identified with budget costs provided or where indicated a quotation obtained by the relevant community group.

The implementation of these measures will save energy, carbon emissions and reduce the operating costs (energy and maintenance) of the various community groups. Utility costs are a significant financial pressure to community organisation but are to some degree controllable with investment in energy efficiency measures and through improved energy awareness and good housekeeping. Some measures (predominantly lighting) will also improve the appearance of the internal environment whilst other measures (heating related) will improve comfort levels in buildings. Improvements in aesthetic appearance and comfort levels will also potentially increase use at the various Centres.

The completed audit for each building will be provided to the relevant organisation and members by 31/03/17.

#### **Programme Conditions**

A summary of measures by building for each ward within the constraints of the budget allocation are attached to this executive summary. As well as the implementations of these measures it is recommended that members agree to the following conditions being implemented to maximise energy savings and ensure value for money.

- 1) The scope of works and specification/designs are approved by mechanical and electrical building services engineers from within the Council. This process will be co-ordinated by the Council's Energy Manager who also has management responsibility for the building services engineers. The Energy Manager will thoroughly review all quotations to ensure best value for money and that all energy savings are maximised.
- 2) All heating controls which are not recommended for replacement (i.e. those to be retained) are re-commissioned to suit occupancy patterns in buildings. This work can be arranged by the Council's Energy Conservation Team.
- 3) The Energy Conservation Team will arrange an energy awareness training session for 2 representatives from each organisation. Attendance at this event is a necessary condition of receiving any grant funding.
- 4) No works shall proceed without an appropriate asbestos survey being in place. There will be a contribution of £500 to each group if an asbestos survey is required. The cost of asbestos removal should be borne by the community group and if this is not possible or is prohibitive then the works will not proceed.

5) Any underspend from the initial funding allocation should be reinvested in other energy efficiency measures highlighted in the summary of measures, where currently only a partial contribution or no contribution has been awarded.

It is recognised that funding is limited under this programme however the cost of conditions 1-4 will be met from the initial funding allocation for surveys.

The Council's Energy Manager and the West Area Community Development Lead will advise Lambton Street Youth Centre and Pennywell Young People's Project in relation to funding opportunities at these sites. The capital cost of implementing energy efficiency measures in full at these sites is greater than this programme can meet.

### **Overall Recommendations**

Members are asked to note the findings of this summary report and agree to the summary of measures identified with suggested grant contribution levels.

Members are also asked to note and agree to the programme conditions.

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Ward	Pallion		
Site	Measure	Budget Cost of Measure (£)	Place Board Recommended Grant Contribution (£)
Parker Memorial Home	Thermostatic Radiator Valves	900	900
Parker Memorial Home	LED Lighting	5000	5000
Pallion Action Group	LED Lighting	10800	3760
Pallion Action Group	Heating Controls	240	240
St Luke's Neighbourhood Trust	Heat Meter	1200	1200
St Luke's Neighbourhood Trust	Pipework Insulation	600	600
St Luke's Neighbourhood Trust	Re-commission BMS	300	300
Lambton Street Youth Centre	LED Lighting	21600	3000
	<b>Total Cost (£)</b>	<b>45240</b>	<b>15000</b>

Ward	Sandhill		
Site	Measure	Budget Cost of Measure (£)	Place Board Recommended Grant Contribution (£)
Grindon Church Project	Improvements to Windows	2400	2400
Grindon Young People Project	LED Lighting	13800	600
Grindon Young People Project	Sports Hall Heating	12000	12000
	<b>Total Cost (£)</b>	<b>36600</b>	<b>15000</b>

Ward	St Chad's		
Site	Measure	Budget Cost of Measure (£)	Place Board Recommended Grant Contribution (£)
Farringdon Youth and Community Centre	Heating Controls	3000	3000
Farringdon Youth and Community Centre	Pipework Insulation	600	600
Farringdon Youth and Community Centre	LED Lighting	15000	8900
Lakeside Community Association	LED Lighting	5000	1000
Lakeside Community Association	New Heating Boiler	6000	1500
	<b>Total Cost (£)</b>	<b>34400</b>	<b>15000</b>

Ward	Barnes		
Site	Measure	Budget Cost of Measure (£)	Place Board Recommended Grant Contribution (£)
St Gabriel's	Boiler Replacement	6600	6600
Plains Farm Youth Centre	Replacement Boiler	1800	1800
Plains Farm Youth Centre	LED Lighting	6600	6600
	<b>Total Cost (£)</b>	<b>16800</b>	<b>15000</b>

Ward	Silksworth		
Site	Measure	Budget Cost of Measure (£)	Place Board Recommended Grant Contribution (£)
Silksworth Youth and Community Centre	Heating Controls	2400	2400
Silksworth Youth and Community Centre	Pipework Insulation	600	600
Silksworth Youth and Community Centre	Football Pitch and Car Park LED Lighting	2400	2400
Silksworth Youth and Community Centre	LED Lighting	800	800
Silksworth recreation park	LED lighting	10000	6300
Lakeside Community Association	LED Lighting	5000	1000
Lakeside Community Association	New Heating Boiler	6000	1500
	<b>Total Cost (£)</b>	<b>29000</b>	<b>15000</b>

Ward	St Anne's		
Site	Measure	Budget Cost of Measure (£)	Place Board Recommended Grant Contribution (£)
Pennywell Community Association	Thermostatic Radiator Valves	15300	5040
South Hylton Tansey Centre	LED Lighting	9000	5000
Pennywell Youth Project	LED Lighting	20400	3460
Pennywell Youth Project	Re-commission BMS	300	300
Pennywell Youth Project	Replace broken Thermostatic Radiator valves with tamper-proof type	1200	1200
	<b>Total Cost (£)</b>	<b>51750</b>	<b>15000</b>