



Notice is hereby given that an Ordinary Meeting of Southland District Council will be held on:

Date:	Tuesday, 18 December 2018
Time:	9am
Meeting Room:	Council Chamber
Venue:	15 Forth Street Invercargill

Council Agenda - Late Items OPEN

Note: The reports contained within this agenda are for consideration and should not be construed as Council policy unless and until adopted. Should Members require further information relating to any reports, please contact the relevant manager, Chairperson or Deputy Chairperson.

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Unbudgeted expenditure - Heat Pump Edendale Community Pool

Record No: R/18/12/28621

Author: Karen Purdue, Community Partnership Leader

Approved by: Rex Capil, Group Manager Community and Futures

☒ Decision

☐ Recommendation

☐ Information

Purpose

- 1 The purpose of this report is for Council to delegate authority to the Mayor and Chief Executive to decide whether or not to approve a grant for the Edendale Community Pool Society to assist with the purchase of a Heat Pump for the swimming pool.

Executive Summary

- 2 The Community and Policy Committee discussed this application at the 29 November 2019 meeting and requested a report be prepared to apply for funding from the Fonterra Contribution Reserve as this was considered more appropriate than community board and ward funding which the original applications were made to.
- 3 The pool is used as a community swimming pool.

Recommendation

That the Council:

- a) **Receives the report titled "Unbudgeted expenditure - Heat Pump Edendale Community Pool dated 18 December 2018.**
- b) **Determines that this matter or decision be recognised as not significant in terms of Section 76 of the Local Government Act 2002.**
- c) **Determines that it has complied with the decision-making provisions of the Local Government Act 2002 to the extent necessary in relation to this decision; and in accordance with Section 79 of the Act determines that it does not require further information, further assessment of options or further analysis of costs and benefits or advantages and disadvantages prior to making a decision on this matter.**
- d) **Delegates authority to the Mayor and Chief Executive to decide whether or not to approve a grant in the amount of \$12,000 to come from either the Edendale-Wyndham General Reserve or from the Fonterra Contribution Reserve to the Edendale Community Pool Society to assist with the purchase of a heat pump for the school swimming pool.**

Background

- 4 This request was received by the Edendale-Wyndham Community Board in November 2018. An application was also received by the ward. It was discussed and Cr Duffy recommended that it may be more appropriate to apply to the Fonterra contribution reserve.
- 5 This was discussed at the Community and Policy Committee meeting on 29 November 2018 and a report was requested.

Issues

- 6 The key issues for Council to determine are whether to contribute to funding this project and if so the appropriate source of funding.

Factors to Consider

Legal and Statutory Requirements

- 7 There are no legal and statutory requirements to consider beyond those set out under the 'costs and funding' heading below.

Community Views

- 8 This type of funding request is not unusual to receive. Therefore there is no need to specifically seek the community's views. The community board has requested this application for approval by council.

Costs and Funding

- 9 Council has authority to approve this funding request as unbudgeted expenditure. Advice will be sought as to whether or not this grant if approved is an acceptable and appropriate use of the Fonterra Contribution Reserve.

Policy Implications

- 10 There are no policy implications.

Analysis

Options Considered

- 11 The options are simply to decide whether to contribute to the funding or not.

Analysis of Options

Option 1 – Fund the gap in funding the heat pump

<i>Advantages</i>	<i>Disadvantages</i>
<ul style="list-style-type: none">The heat pump has been purchased which will allow the pool to be heated and opened for use	<ul style="list-style-type: none">There is an opportunity cost in that by supporting this project the money cannot be spent on another project.

Option 2 – Not fund gap in funding the heat pump funding

<i>Advantages</i>	<i>Disadvantages</i>
<ul style="list-style-type: none">• Project will proceed but there will be a gap in funding causing extra fund raising on the school and community.	<ul style="list-style-type: none">• The application will not proceed and no funds will be required from the Fonterra fund.

Assessment of Significance

- 12 The request does not trigger any of the significance criteria.

Recommended Option

- 13 It is recommended that Council chose option 1 to grant funding for a heat pump for the Edendale school swimming pool.

Next Steps

- 14 The next step is for council to determine how much funding it wishes to contribute from the Fonterra Contribution Reserve.

Attachments

- A Supporting documents Edendale Pool [↓](#)



Secretary/Treasurer: Jenny Coyle
66 Hunter Street
EDENDALE 9825

Email: ecpscontact@gmail.com

Ph 0211 555 893

Wednesday 31st October 2018

To: Paul Duffy, Councillor
Waihopai-Toetoes Ward, Southland District Councillor

Sir,

The Edendale Community Pool Society (ECPS) is a dedicated group of local volunteers that gives their time and energy to make the school pool available to the wider community outside of school hours for recreational swimming, private lessons and community group users during the summer swimming season (which usually runs for about six months).

Last week the ECPS committee had to regretfully make the decision to keep the pool closed due to a series of ongoing issues with the current heat pump, which, due to circumstances out of our control, has reached the end of its working life and can no longer heat the pool to a comfortable swimming temperature - the solution being to replace it with a new unit, at an approximate cost of \$30,000.

Obviously we had not anticipated this happening - we had ordered a replacement coil in May but have been continually let down by the supplier in Auckland. As a result, there have been a LOT of extra volunteer hours and incurred costs in the past month over and above our usual expectations as we endeavoured to prepare for the new season. Hence our emergency decision to replace the unit as soon as possible rather than continuing to waste good time and money on a dud.

The committee is very disappointed that we have not been able to open, knowing that our decision affects not just our 100 member families (comprising of approximately 460 people from Edendale, Brydone, Tutarau, Glenham, Wyndham, Seaward Downs, Matura Island, Morton Mains, Kamahi and Dacre), but also the many families who had booked private lessons with LAP Aquatics. The committee values this community asset and is working hard to get it open again as soon as possible, and to continue to make long-term improvements to the facilities.

We are currently in the process of gathering quotes for better, more efficient heat pump units and hope to confirm our choice by the end of this week. We know we are looking to have to spend around \$30,000+ to get the type of unit that will meet the needs of the pool.

(cont.)

However, with some of our funds already tagged for a new roof (which is due to be replaced), the ECPS currently only has \$15,000 that we can put towards this heat pump project. Therefore we are seeking support from other community funders to help with the costs.

To that end, we request consideration of a grant of up to \$5,000 towards the purchase and installation of a new heat pump for the Edendale Community Pool.

We wish to action this replacement urgently - with a six-eight week build and deliver timeframe, we are hoping to have the pool running again in January, the busiest time of the season for our members. This would also mean school swimming and private lessons can continue again in Term One of 2019.

We thank you in advance for your consideration of our request; please get in touch with me should you require further information.

Yours sincerely,

Jennifer Coyle
(Secretary/Treasurer ECPS)



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31st October 2018

Edendale Community Pool Committee
c/- Brent Shepherd

brent.shepherd@fireandemergency.nz

Re: Edendale Pool Swimming Pool Heat Pump

Thank you for the opportunity to provide a quote for the supply and installation of a replacement swimming pool heat pump for the above facility.

Existing Situation as relayed to us and observed.

- Main pool area is 165m².
- Small pool area is 15m².
- Both pools are heated off the same heat pump via a plate heat exchanger to small pool.
- Existing heat pump is servicing 180m² of surface area.
- Existing heat pump is an Oasis C50 (50kW).
- You would prefer not to deal with Oasis in the future.
- You have been advised to replace with a 7GP65 Heat Pump (65kW).

Comments

- In our opinion the existing Oasis unit has been grossly undersized to heat both pools.
- We are concerned that the existing valve positions are also compromising water flow rates to the existing heat pump and possibly the pool.
- The existing heat pump is using no tempered pool hall air to assist the evaporator.
- The 7GP65 is rated for 180m² in the North Island coastal areas but only 154m² in central North Island and South Island (see attached Brochure).
- Small pools are usually focused on young children and toddlers and as such generally run a hotter at around 31°C or 32°C compared to 28°C to 29°C for the Main pool.

Recommendations

1. Based on our comments and the structural/electrical issues associated with going to either a 90kW or 100kW unit for both pools it would be our recommendation to go up to a 70kW heat pump for the Main pool only and discontinue with the plate heat exchanger and fit a 14kW standalone heat pump for the small pool. This will allow the committee to consider a higher Small pool temperature to encourage toddlers leaving the 70kW unit to handle the main pool on its own.
2. If funds allow we would also recommend moving the heat pump to the North around the centre line of the pool and duct air directly from the pool hall across the evaporator coil, this both improves the efficiency of the heat pump as well as removing moisture and smell from the pool hall at the same time. This method of installation has been used by us successfully on a number of installations in the past but due to these unexpected costs I suspect that may be for a later day.



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Main Pool Only**\$33,987.50 plus GST**

- Replace the existing Oasis with a **THP70-3 (70kW)**.
 - o South Island rating of 170m² (brochure attached), 14kg lighter, 600mm longer, 50mm deeper, 110mm shorter, same electrical loading.
- Modify bracket for new dimensions.
- Remove plate heat exchanger.
- Reconfigure PVC pipe work.
- Add valves.
- Electrical connection.
- Balance water flows and commission.

Small Pool Only**\$9,918.75 plus GST**

- Remove the plate heat exchanger and install a **THP14-1 (14kW)**.
 - o South Island rating of 20m² (brochure attached).
- Provide wall bracket.
- Reconfigure and run new PVC pipe work to unit.
- Add valves.
- Electrical connection.
- Balance water flows and commission.

NOTE:

- All models quoted are from Hot Water Heat Pumps in Auckland.
- Small pool could utilize the THP12-1 which has a South Island rating of 16m² but would only achieve 28°C to 29°C on cooler days but would offer a saving of **\$477.50 plus GST**.

Thank you for the opportunity to provide this quote and please feel free to contact the writer should you have any further concerns or enquiries.

Yours Sincerely



Wayne Harpur



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Edendale Community Pool Society
C/- Brent Shepherd
EDENDALE

Dear Brent,

Further to the recent appraisal of the pool heatpump and issues with the original supplier we would recommend the installation of a Hot Water Heatpump 7GP65-3.

The costs are as follows;

7GP65-3	\$28,677.55
Installation	\$6,378.61
	<u>\$35,056.16 plus GST</u>

This price includes all work necessary for the increase in size of heatpump, electrical work, pipework changes and commissioning.

You may wish to consider selecting the next size larger heatpump which will add an additional \$7,500.00 plus GST.

Please find attached to the email the data sheet for the 7GP65-3.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'John R Faul'.

J.R.F. **John R Faul**
Manager
C H Faul & Co Ltd
Invercargill
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Email john@chfaul.co.nz