

Request for
Quote

Solar Water Heating
Cabarita Pool
Drummoyne Pool

Closing Date for quotes: 5.00pm 19th March 2019

1. Introduction

The City of Canada Bay Council is seeking Expressions of Interest (EOI) from suitably qualified and experienced contractor to:

- 1) Supply and install solar pool heating and controls for **Cabarita Swimming Centre**.

Located in Cabarita, on the Parramatta River, Cabarita Swimming Centre consists of 3 heated pools including:

- Olympic 50 metre, 8 lane pool - varied depths from 1.3m – 1.9 m. Salt water pool heated to 27 degrees
- Leisure / learn to swim pool - varied depths from 0.5m – 1m. Salt water heated to 27 degrees
- Toddler Pool – varied depth from 0.2m – 0.3m. Salt water heated to 27 degrees shaded pool.

The pool is closed for winter season between end of April to beginning of September each year. Pool blankets are used to help maintain water temperatures when required.

- 2) Review existing solar pool heating system at **Drummoyne Swimming Centre**, with recommendations on how to improve

Located at 1P Henley Marine Drive, Drummoyne the centre consists of 2 pools including:

- Olympic 50 metre, 8 lane pool – varied depths from 1.2m - 2m. Salt pool heated to 27 degrees
- Toddler Pool – varied depth from 0.75 – 0.45m. Salt water heated to 27 degrees shaded pool.

The pool is closed from winter season between end of April to beginning of September each year.

2. Project Aims and Objectives

City of Canada Bay is working towards a target to reduce energy consumption by 30% (based upon 2011/12 levels by 2023) the energy savings from this project will contribute towards this goal.

Council is seeking solar water heating options, that will deliver cost saving on energy usage and reduction in greenhouse gas emissions at the pool. Including recommendation of what warranty period is available.

3. Scope of Work

A brief outline of proposed works to be completed is outlined below:

Cabarita Pool – New Installation:

- Install Solar collector on roofs of plant room and / or reception buildings / pool pump house, approximately 500m² of flat roof space in 4 or 5 sections oriented N-S, refer <https://www.google.com.au/maps/place/Cabarita+Swimming+Centre/@-33.8433011,151.1193152,166m/data=!3m1!1e3!4m2!3m1!1s0x0:0x2f53c8e22db32ce8>.
- Install Energy Management System (EMS) solar controller to link into the existing gas heating system (fairly old Raypack boiler 840kW output)
- Install electrical connection of new pump and EMS controls.
- Install wiring / cabling for EMS control to be set up for on-site monitoring and remote monitoring by Council
- Quote on ongoing maintenance contract for the system
- Supply and install pumps, pipes, fittings, fixtures as required to tap into existing plumbing
- Skip Bins provided for all waste
- Test, commission and complete system
- Provision of warranty for system (5 years), including costing to extend period to 10 years

- Completing work within business hours, based upon site availability (Council contact will assist in arranging site access).
- Make good following all installations

Drummoyne – Upgrade to existing infrastructure:

- Current infrastructure is not working to capacity. Consultant to propose solution to increase efficiency of existing infrastructure to maximise capacity.
- Connection of system to EMS controls.
- Install wiring / cabling for EMS control to be set up for on-site monitoring and remote monitoring by Council
- Provision of warranty for system (5 years), including costing to extend period to 10 years
- Quote on ongoing maintenance contract for the system
- Consideration of localised issue of cockatoos causing damage to existing matting, by ripping up and destroying the matting. New matting would need to be tough and resistant to attack and damage by cockatoos.

Timing

Initial work can commence during April 2019, installation to occur while the pool is closed during winter season. Work to be commissioned and tested by September (at the latest) when pool re-opens.

4. The Assessment and Selection Process

In accordance with Council's procurement framework, the following steps will be implemented in order to select the preferred supplier.

1. Request for Quotation (RFQ) – The City of Canada Bay Council will issue this document to prospective contractors for review consideration and response.
2. Site Inspection – to be arranged on same day for all applicants to inspect both site.
3. Assessment of Responses – The City of Canada Bay Council will assess the responses received from interested organisations in accordance with the scope of work criteria set out in this document.
4. Engagement of Contractor– Following the review of responses, Council will select and engage a preferred contractor, with Purchase Orders raised and issued for the provision of services outlined in this RFQ.

5. Evaluation Criteria - Required Response Information

The City of Canada Bay would prefer a standardised format to allow for efficient and accurate comparison between respondents. As such, Council requests that respondents prepare their responses using the headings, sub headings and framework outlined below.

Respondents can develop and present their submissions in their own format, however respondents must ensure every heading below and the content requested is addressed.

Evaluation Criteria	
Registrants Details	Company/trading name..... ABN..... Address..... Name of respondents representative..... Position..... Phone..... Email.....
Scope of Works	Proposed works to cover all items listed in scope of works summary. Failure to meet all the scope of works will result in removal of your application from the assessment process.
Project Costs	Interested parties are requested to provide an itemised quote for works covering all requirements specified in the project scope of works. Including costs per site, labour costs and supply equipment costs as well as provision of ongoing maintenance program.
Risks: Potential Variations and Estimated Costs	Respondents are to provide what costs are not covered in their response and the reasons for not including them; identifying why they think it could vary project costs and the estimated potential variation.
Savings: Calculation of Energy and \$ savings	Respondents are to provide estimate of savings to be achieved, electricity savings and cost savings. Council will provide successful applicant with sample gas and electricity bill and interval data to assist in quantifying these savings.
Warranty	Council is looking for a quality installation that is supported by a rigorous warranty period and service. As such, respondents are to provide a description of the warranty period available for all equipment and services provided. Include standard manufacturer's warranties and what is provided directly by the respondent (i.e. Supply only or supply and install).
Project Duration	Council is looking at having solar pool heating installed in a timely manner. Initial work can commence during April 2019, installation to occur while the pool is closed during winter season. Work to be commissioned and tested by September (at the latest) when pool re-opens. Respondents are to therefore provide details of expected supply and installation times for completing the specified scope of works. Please include an indicative project schedule.
Make Good	Contractors are required to make good following any installation works. Describe how you will do this at each site.
Demonstrated Experience	Contractors are required to provide details of other projects where solar pool heating has been installed, together with the details of their specific involvement in these projects. Provide contact details for previous projects so that Council can obtain references.
	Contractors are required to provide evidence that any Solar Heating proposed

Solar Heating Options	have proven and demonstrated quality, reliability and reparability.
Quality Assurance Processes	Contractors are required to provide evidence of internal quality assurance processes for safety, quality and environment.

6. Confidentiality and Ownership of Intellectual Property

All submitted quotes become the property of City of Canada Bay immediately when lodged.

The selected contractor must keep all material sighted, handled or produced, relating to this project, confidential and must not disclose any of this information to a third party without the written consent of City of Canada Bay.

Unless otherwise agreed in writing by City of Canada Bay, all inputs produced by the contractor shall remain the property of City of Canada Bay and must not be used by the contractor in connection with any other projects.

7. Conflict of Interest

The contractor must notify City of Canada Bay whether there is an existing, or is likely to be a conflict of interest during the term of the project. Where a conflict of interest may occur, the contractor shall indicate the action that will be taken to address the conflict of interest. Council shall determine whether to continue or terminate the agreement based on the information received.

8. Fee Submission

The contractor must submit a fixed lump sum fee to supply and install the equipment specified.

Any assumptions upon which any part of the fee is based shall be indicated within the submission.

All pricing is to be exclusive of GST.

9. Quote Submission

Questions in relation to the brief and RFQ process can be directed to Sustainability Team, Project Co-ordinator Jane Peacock, jane.peacock@canadabay.nsw.gov.au

Submissions should be sent to council@canadabay.nsw.gov.au with the following reference:

Attention Jane Peacock - Solar Water Heating Cabarita Pool and Drummoyne Pool

By 5.00pm 19th March 2019

All information received will be kept confidential and remain the property of City of Canada Bay.