

Invitation to Tender Document for Replacement Filtration and Liner Works at Shaftesbury Pool

Issued by: Shaftesbury Town Council (STC)

Project Title: Filtration and Liner Works at Shaftesbury Pool

Date Issued: [22 January 2025]

Submission Deadline: [9 Feb 2025]

1. Project Overview

Shaftesbury Town Council invites tenders for the provision of replacement filtration system and pool liner works at the Shaftesbury Pool, known as the Shaftesbury Lido.

The current filtration system at the Lido has been in place for many years and no longer meets the guidelines of the Pool Water Treatment Advisory Group (PWTAG) or the standards of the Swimming Pool and Allied Trade Association (SPATA). These deficiencies include non-compliance with recommended turnover periods and filtration standards for public commercial swimming pools.

The origins of the “Lido” go back 170 years to the mid-19th century and are closely associated with securing Shaftesbury’s water supply. It can claim to be one of the oldest pools still operational in the country.

The Lido is 22.86 metres long by approximately 9 metres wide. The shallow end is 1.2m and the deep end – 2.1m. A photograph of the Plant Room, including the filtration system, is shown in Appx A.

Site familiarisation visits can be arranged upon appointment via the contact details as shown in section 7 below.

2. Scope of Works

2.1 Specification

Tender shall submit a proposal for replacement of the Lido filtration system to meet the PWTAG and SPATA guidelines. The proposal shall also include the replacement of the pool’s liner.

Through its advisory group, STC has assessed that the scope of work to comply with PWTAG and SPATA standards includes the following:

- Replacement of the existing filtration pipework with correctly sized alternatives.
- Installation of new filters and larger pipework to ensure a maximum turnover period of 3 hours.
- Upgrade pipework from the plant room to the pool, add return water inlets and skimmers.
- Include additional poolside (deck level) drainage.
- Install a new pool liner upon completion of filtration works.

However, STC is not an expert in this field. Our focus is on a system that performs well enough to meet the PWTAG and SPATA guidelines. We welcome proposals that provide a more cost-efficient solution to the proposed detailed scope of work below, providing the tender includes a description of how their approach differs.

2.2 Warranty and performance guarantee

Completion and commissioning of the new filtration system and liner before the commencement of our open season is a key requirement of the work. Tenderers must submit a guaranteed operating date for the new filtration system and liner. We invite Tenderers to include liquidated damages for non-delivery of this date in their proposal.

The new system and liner should be accompanied with a performance guarantee for a number of years after install. The maintenance regime necessary to maintain the level of performance, and the guarantee, should also be included. This should detail what maintenance tasks are performed by STC, and which would be by the Tenderer (including the costs of the Tenderer's maintenance programme).

The warranty of individual components of the system is of interest to STC, but ultimately it is the overall performance of the system to PWTAG and SPATA guidelines that enables us to keep the pool open.

3. Detailed description of the works

3.1 Initial Works

- Protect existing rubber flooring in the pool area.
- Cut and remove sections of rubber flooring and pool edge tiles.
- Dig trenches from the plant room to two sides of the pool.
- Empty the pool and remove the existing liner.
- Remove the plant room stud wall for access.
- Cut out sections of the pool for skimmers and core drill holes for return water inlets.
- Improvements required to poolside (deck level) drainage

3.2 Filtration System Installation

- Remove existing filter media, filters, and associated pipework.
- Install three 1200mm filters with multiport valves.
- Install new valves, pipework, and glass filter media.
- Install four 3 horsepower 3 phase pumps and electrical control circuits.

3.3 Skimmers and Inlets Installation

- Install seven high flow commercial skimmers with wide angled extension throats.
- Install 20 high flow return water inlets.
- Connect skimmers and inlets to newly installed PVC pipework.

3.4 Main Drains Installation

- Install two high flow stainless steel commercial grade main drains.
- Connect main drains to newly installed PVC pipework.
- Pool side drainage to be improved to allow water to flow away from the deck level.

3.5 Completion Works

- Reconstruct the plant room stud wall.
- Backfill trenches with 20mm shingle.
- Re-screed flooring and prepare for specialist flooring contractors.
- Install new edge tiles along two sides of the pool.

3.6 Pool Liner Installation

- Supply and fit a new Alkorplan all-over patterned pool liner.

3.7 Pool flooring (optional)

- As a baseline, the initial scope of works includes the need to protect existing rubber flooring and the completion works refer to the need to re-screed the flooring and prepare for specialist flooring contractors. Tenderers can opt to submit an alternative pool side (deck level) flooring solution articulating the benefits of it from a cost and delivery benefit perspective. This option will be dependent on budget.

4. Submission requirements

Companies are required to submit the following documentation. STC may screen out non-compliant tenders, including on the go/no-go criteria as highlighted below.

- Commercial proposal:
 - a) Provide a total cost for the delivery of the works inclusive of other services required to complete the project.
 - b) Costs of any ongoing maintenance package for the filtration system.
 - c) Details of performance guarantees for the new system.
 - d) Warranties for any individual components.
- Delivery timeline:
 - a) Availability to commence the works.
 - b) Date by which the new system will be completed and commissioned.
- Experience and Portfolio:
 - a) Submit evidence of experience in delivering similar projects, such as a portfolio or case studies. Include details on the success or otherwise of the relevant projects.
 - b) Details of key personnel allocated to the project, such as named Project Manager.
 - c) **Go/No-Go Criteria:** Verification that the firm's past projects demonstrate the capability to handle the current project's scope of works
- Insurance coverage:

- a) Details of the insurances that the contractor holds.
 - b) **Go/No-Go Criteria:** That the insurance coverage meets the project's requirements and mitigates potential risks.
- Method statement:
 - a) Provide a statement for how the works will be performed.
- Pool side flooring (optional):
 - a) An alternative poolside (deck level) flooring solution
 - b) **Go/No-Go Criteria:** Ensure that the baseline requirements are fully met before considering an alternative flooring proposal.

5. Evaluation Criteria

Submissions will be assessed based on the scope of works as describe.

- Commercial proposal (40%)
- Delivery timeline (30%)
- Experience, portfolio and key personnel (10%)
- Insurances (10%)
- Quality of approach and methodology (10%)

6. Project Timeline

- **Tender Issue Date:** 22nd January 2025
- **Submission Deadline:** 9th February 2025
- **Contract Award:** 19th February 2025
- **Target date for commence of works:** 10th March 2025
- **Target date for project completion:** 20th April 2025

7. Queries/ Contact Information

Additional Information

- Any additional works and materials will need to be considered by Shaftesbury Town Council.
- The tender is open for acceptance within 30 days from the date of issue.

For any questions or further information, please contact:

Town Clerk: Brie Logan

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Appendix A

Plant Room photograph

