

PART 6

Specifications / Scope of Work

The Jamestown Swimming Pool consists of two pools, namely a 33m (100 foot) long main swimming pool and a smaller paddling pool. The pool was constructed in 1979 by the Royal Engineers and opened in November of that same year.

The Main Swimming Pool is 33m x 11m with a depth varying from 1.2m to 2.74m holding approximately 744m³ or 163,000 gallons. The Paddling Pool is 6m x 7.3 m with a depth of 0.2m to 0.6m holding approximately 18m³ or 4000 gallons.

The main pool has a consistent shallow depth of approximately 1.2m deep for about two thirds of the pool. After this the pool slopes steeply until the deep end depth of 2.74m (9 feet) is reached and the pool floor levels out.

The pool is concrete and finished with pool paint. No cracks or spawling is evident on the concrete and the operators were not aware of any leaks to the pool.

In 2015 a WSP Consultant carried out a Condition Survey report of the pool, which identified a number of areas requiring attention. The key and major area of concern for ongoing operation is the replacement of the Plant Room which is now beyond operational repair. This report is available to all parties expressing an interest in submitting a tender for this project. In addition there exist a number of pool schematics that should be read in conjunction with the WSP report and any grey areas identified clarified prior to the submission of a proposal to SHG.

These are:-

- Swimming Pool Reinforcement Detail
- Swimming Pool Filter Room
- Swimming Pool General Layout
- Plant Room Isometric
- Plant Room Pipework Layout
- Swimming Pool Rising and Lowering Water Levels
- Jamestown Swimming Pool Report

Requirements

The intention is to replace the plant facilities as well as piping to the pool with the exception of the pipework under the pool to increase the life expectancy of the pool operation.

The new solution should create reliability and consider low cost of operation in terms of utilities, operational maintenance, spares and consumables.

The supplier needs to understand the existing layout and make recommendations for the most economical and effective use of space and layout of the plant and any potential changes to existing structures.

The objective is to create a lifespan of operation for the facility for the next 40 years.

It is the intention that any bidder would work with a local workforce to ensure that local knowledge and skills are utilised including knowledge transfer as well as mitigating costs wherever possible. The supplier to provide labour requirements in terms of skill sets as well as approximate schedule of activity that would cover hours and hourly rates in order to give transparency of costs.

Additional Requirements with the solution:-

- Detailed drawings and schematics of the Design
- Operation and Maintenance Manual
- Testing Procedures and Equipment
- Spares pack for 2 years as well as stockists for managing stock. Demonstration of Availability of Spares for the next 10 years

NB: The supplier should advise if any specialist lifting or access is required in the implementation of the design.