

Part 2 – ITQ – Specification for Kettering Swimming Pool, London Rd. Kettering – Installation of Replacement Showers, & Hot Water Heater.

**SPECIFICATION FOR KETTERING SWIMMING POOL, LONDON RD, KETTERING –  
INSTALLATION OF REPLACEMENT SHOWERS & HOT WATER HEATER.**

## **PREAMBLE**

### **General Requirements**

Tenders are invited from Kettering Borough Council for Installation of Replacement Showers and Hot Water Heater at Kettering Swimming Pool, London Road, Kettering, Northamptonshire. NN15 7QA.

### **Information, Costs and Expenses**

Contractors are responsible for obtaining all information necessary for the preparation of their Quotation and all costs expenses and liabilities incurred in connection with the preparation and submission of a quotation.

### **Submission of Quotation**

Your quotation should be submitted together with any Pricing Schedule and Supporting Information to: [webprocurement@kettering.gov.uk](mailto:webprocurement@kettering.gov.uk)

### **Further information and Queries**

Please address any queries or requests for further information to:

[webprocurement@kettering.gov.uk](mailto:webprocurement@kettering.gov.uk)

### **Freedom of Information Act 2000:**

- a. Information in relation to this tender may be made available on demand in accordance with the requirements of the Freedom of Information Act 2000.
- b. Contractors should state if any of the information supplied by them is confidential or commercially sensitive or should not be disclosed in response to a request for information under the Act. Contractors should state why they consider the information to be confidential or commercially sensitive. This will not guarantee that the information will not be disclosed but will be examined in the light of the exemptions provided in the Act.
- c. It is important to note that information may be commercially sensitive for a time (e.g. during a tender process) but afterwards it may not be. The timing of any request for information may be extremely important in determining whether information is exempt. However, contractors should note that no information is likely to be regarded as exempt forever.

## **OUTLINE SPECIFICATION**

### **Location**

Kettering Swimming Pool is located close to Kettering town centre next to a busy junction and a long stay car park at London Road, Kettering NN15 7QA and is managed by our leisure operator.

The Swimming Pool is part of a small complex that includes a reception area, gymnasium, changing rooms and offices associated with the buildings use.

### **Background**

The Swimming Pool opened in 1984 with the last major works to the Swimming Pool Plant and equipment being undertaken approximately 15 years ago when the facility was expanded, the Pool area refurbished and re-tiled. In 2016 some minor works were undertaken around the Pool when the ceiling was repaired and lined without the pool being emptied.

There has been no major repair work to the Heating & Hot Water System for approximately seven years and is no longer working as originally intended.

Following a recent non-intrusive inspection of the Heating and Hot Water Systems it was found that:

#### **1. HEATING BOILERS**

The main Hoval heating boilers which provide a heat source for the Pool water, LTHW heating system & hot water were replaced in 2008. It was recommended that due to the corrosive atmosphere within the pool plant room the boilers are replaced with more efficient boilers as part of a system upgrade.

#### **2. HEATING & CONTROLS FOR HOT WATER**

The existing hot water systems primary heat source comes from the Hoval boilers supplying primary heating to the original hot water calorifier and the calorifier has a defective actuator meaning the hot water temperature has limited control. It was recommended that as the calorifier has reached the end of its useful life it should be replaced along with control valves, actuators and the existing hot water service pipework.

#### **3. HEATING & CONTROLS FOR LTHW HEATING SYSTEM**

The existing heating systems primary heat source comes from the Hoval boilers supplying heat to the existing radiators and pipework. The existing radiators are in poor condition and as are all the actuators and valves, there is no control of the heating system and has to be manually turned off during the summer. It was recommended the system is re-piped with new radiators and controls being installed.

#### **4. ANCILLARY WORKS**

The Showers have been removed as part of the works and as a result the contract includes installing new Showers.

### **Essential / Prime Cost Parts and / or Suppliers**

Having started some of the works at the Swimming Pool Complex, it has been necessary to procure fixtures and fittings to allow the Gymnasium and Foyer to Open.

### **Essential Pool Plantroom Equipment**

1. Replacement hot water generator – 1 gas fired water heater incorporating Hot water storage to supply hot water to 10 No. Showers and 7 No. Toilets as shown at Appendix.
2. Connection of new hot water generator to existing Mains Cold Water and Hot Water supplies to showers and toilets.
3. Connection of new hot water generator to Showers to be installed as part of this contract.
4. Circulation pumps - Grundfos Magna 1D pumps for CT & VT circuits
5. Removal and proper disposal of redundant pipework, valves, Cold Water Booster / Pressurisation unit and Hot Water Storage Unit.
6. De-Commissioning of existing Cold Water tank
7. Installation of basic control to allow independent control and /or a touch screen to be installed by others to enable the unit to be accessed from the Plant room or via a remote PC or smart phone allowing the site manager to monitor pool temperature, heating temperature and hot water systems.

### **Showers**

8. 10 No. Rada Shower heads and Pulse sensors.
9. Pipework to connect Showers to proposed hot water generator.
10. Control to blend temperature of showers water to 41<sup>0</sup>Centigrade.
11. Commissioning of the Showers and Heater on Completion of the works

### **Execution of Works and Access to the Works Area**

It is anticipated that all the works to install the Showers and the Hot Water Generator will be undertaken as a continuous operation.

Contractors should include the number of days for the installation to be completed and when Hot Water will not be available in the existing toilets.

Access for the work will be via the double doors to the rear of the swimming pool from Kettering Borough Council's London Road Car Park.

Spaces for the Contractors equipment and vehicles adjacent to the Plant Rooms entrance to the London Road car park will be reserved whilst the works are being undertaken.

Contractors can undertake works during the normal opening hours for the Gymnasium at the site:

Monday to Friday inclusive: 07:00 to 22:00

Saturday: 07:00 to 17:00

Sunday from 07:00 to 20:30

Contractors must ensure that the Swimming Pool and Changing Rooms are available for use over Bank Holiday periods:

Contractors will be able to work in the Plant Room alone outside Opening Hours following a request to do so being approved by Hazelwebb@kettering.gov.uk.

## **Introduction and Outline of Works**

The current Hoval Boilers are not as efficient as they were at the time of their installation and do not meet the latest standards.

The Controls, Valves and Pumps have not been replaced for a considerable number of years with some parts being the subject of temporary repairs pending replacement.

It is intended that the equipment included in this contract will be installed together with all the connecting pipework and associated fittings.

Contractors should note that the evaluation of the contract is predominately based Quality as it is essential that the Swimming Pool is not closed and there is a minimum of time when hot water is not available to the existing toilets.

## **Core Works**

Installation of Showers, Controls, Pipework, Hot Water Generator and ancillary works as part of an exercise to undertake all repairs and updates to the Swimming Pool including works to the Plant Room and to the Ventilation system that have recently been completed.

It is intended to improve the Hot Water system at the Swimming Pool by:

1. Replacing the existing Boilers with a new independent Generator for Hot Water to serve Showers and Toilets in the Refurbished Changing Rooms meeting all current standards that is more efficient and environmentally friendly than the existing Boilers.
2. Replace all the Controls, Pumps and Valves that are required to enable the Hot Water System supplying the Showers and Toilets to operate efficiently.
3. Replacing any corroded pipework with new standard size readily available pipework.
4. Establishing a schedule of the Heater, parts, fittings, controls, pumps and valves that form part of the Hot Water System and all the parts used to undertake this contract
5. Establishing contact with a supplier who can readily undertake any repairs to and servicing of the Hot Water systems to return it to being fully operational as speedily as is possible in the event of a breakdown.

It is intended that the all the installations will be tidier than those existing, generally hidden from view and more efficient than those existing with:

1. All existing pipework whether surface mounted or not being removed and recycled.
2. The existing Cold-Water Tank being De-Commissioned
3. New Showers having Automatic Controls

## **NOTE:**

All Contractors are advised to visit the site and study the proposed drawing before completing Part 4 “Quotation Response” form and ensure any queries regarding the works by 22<sup>nd</sup> October 2020.

It is envisaged that there will be a minimum of disturbance to customers and staff at the Swimming Pool complex.

Contractors should indicate the intended sites for storage of materials when submitting their tender.

Contractors should indicate the measures that they will take and the time that they have allowed to undertake the works and how they will allow the complex to be used during the period for which they are likely to be on site.

### **Responsibilities**

The Public Services Team is responsible for the contract with Legacy Leisure who manage the complex for Kettering Borough Council and for these works being executed.

### **Use of Site**

The Swimming Pool Complex is used by occasional and regular users including Schools, Local Clubs, Local Specialist Groups and private hire.

Any bookings for use outside the normal opening hours are made at least 14 working days in advance and the successful contractor will be given 10 days' notice of any of these bookings that may affect the proposed works.

It is essential that the works are arranged in a manner that does not allow the public to access the work areas from the public car park or areas within the swimming pool complex.

It is essential that the amount of time that the Pool is not available for use is minimised and it is not anticipated that any request to work outside opening hours will be refused. Contractors should indicate their working hours and the time that the Pool will be closed in their quotation return.

It is essential that the works area/s are secured when work is not being undertaken particularly overnight and at weekends to prevent any person/s having access to the site area.