

Councillor
C/o Leadership Support Team
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Station Road
Clacton on Sea
Essex
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Email: kcharles@tendringdc.gov.uk
Our ref: KC/000040/1

20th March 2024

Reference: Supply & Installation of Chlorine Dioxide Dosing Systems for Legionella Control at Clacton Leisure Centre and Walton-on-the-Naze Lifestyles sites.

Dear Cllr Mick Barry and Cllr Mark Stephenson,

Following on from recommendations received from our Legionella Management Contractor we must now invest in the replacement of our existing Grundfos Oxiperm Pro, Chlorine Dioxide units at both Clacton Leisure Centre & Walton-on-the-Naze Lifestyles. The units have now failed and are no longer operating as required. This is due to the age of the units/ poor system conditions/ solenoid corrosion and software issues. The current unit at Walton-on-the-Naze Lifestyles was isolated during the last engineers visit on the 07th February 2024 as a safety precaution.

The addition of Chlorine Dioxide into a water system acts as a disinfectant due to its ability to efficiently remove biofilms from piping. Biofilms in water piping protects from legionella from most disinfectants but Chlorine Dioxide breaks up the biofilm releasing the bacteria into the water where it is easily killed. The Chlorine Dioxide units are utilised as a control measure at both sites where other measures have been unsuccessful.

To enable the replacement of these systems to become fully compliant the contractor would remove the existing failed units at both sites and install a replacement wall mounted, compact Chlorine Dioxide Dosing System. The system would incorporate the use of 9% Hydrochloric Acid and 7.5% Sodium Chlorite as precursors, 72 Litre bunds would be supplied with these chemicals. Works will be completed out of hours where water services will be isolated for works to be fully completed without impacting on the operation of the facilities.

The financial, ethical and reputational damage and consequences of a Legionella outbreak would be detrimental to not only the operations of these Leisure Facilities but also to Tendring District Council as the operator of the facilities.

Concept Environmental Solutions is our service provider, and it is recommended to have our current service provider install these new units, given the urgency and specialise work involved. Additionally, it would seem wise at this particular time, to continue working with this Contractor to ensure that our facilities remain safe for our staff, customers and contractors especially during this critical time.

In order for this to occur, we would request exemption from Procurement Rules to not undertake a tender process.

As mentioned, it is suggested to appoint Concept Environmental Solutions to complete the necessary work. This will include the supply, delivery, installation and commissioning of the replacement Chlorine Dioxide dosing units in line with our requirements. The total cost of the work totals £24,736.38 excluding VAT and would be available via revenue, repairs and maintenance accounts.

If you agree to appoint Concept Environmental Solutions to complete these works, to award a contract, and to enter into a contract via purchase order with Concept Environmental Solutions, then I would be grateful if you would sign and return the concurrence below.

Yours sincerely,

Kieran Charles, BA Hons, MCIMSPA
Sport and Leisure Operations Manager



Dear Kieran

I refer to your letter dated 20th March 2024, requesting approval to appoint Concept Environmental Solutions to complete these works, to award a contract, and to enter into a contract via purchase order with Concept Environmental Solutions. The total cost of these works is £24,736.38 and would be available via revenue, repairs and maintenance accounts.

- I concur / do not concur with the use of these funds for the purpose described above.

Cllr Mark Stephenson, Leader, and portfolio for Finance and Governance

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Dated

- Please delete as appropriate

Cllr Mick Barry, portfolio holder for Leisure and Public Realm

.....

Dated

- Please delete as appropriate

Additional comments (if not concurring)