

13 December 2017

## **Clean TeQ awarded contract to supply DeSALx<sup>®</sup> technology for mine water treatment plant**

Mr Robert Friedland and Mr Jiang Zhaobai, Co-Chairmen of Clean TeQ Holdings Limited (**Clean TeQ** or **Company**) (CLQ:ASX; CTEQF:OTCQX), and Mr Sam Riggall, Chief Executive Officer, today announced that Clean TeQ, through its wholly owned subsidiary Clean TeQ Water Pty Ltd, has entered into a landmark agreement with Fosterville Gold Mine Pty Ltd (**Fosterville**) to design, supply and commission a two million litre-per-day Clean TeQ DeSALx<sup>®</sup> mine water treatment plant.

The award of the contract follows a period of extensive due diligence and testwork conducted by Fosterville to validate the efficacy of Clean TeQ's DeSALx<sup>®</sup> system for the treatment of mining process waters. The value of the contract is \$3.5 million and serves as a significant milestone for the Clean TeQ Water division.

Sustainable water management is becoming critically important in the mining industry as environmental regulations are tightened globally and water scarcity increases.

The Fosterville water treatment plant is an important reference project for Clean TeQ's DeSALx<sup>®</sup> technology, which is expected to add significant momentum to the growing pipeline of Clean TeQ Water projects.

### **Project Location**

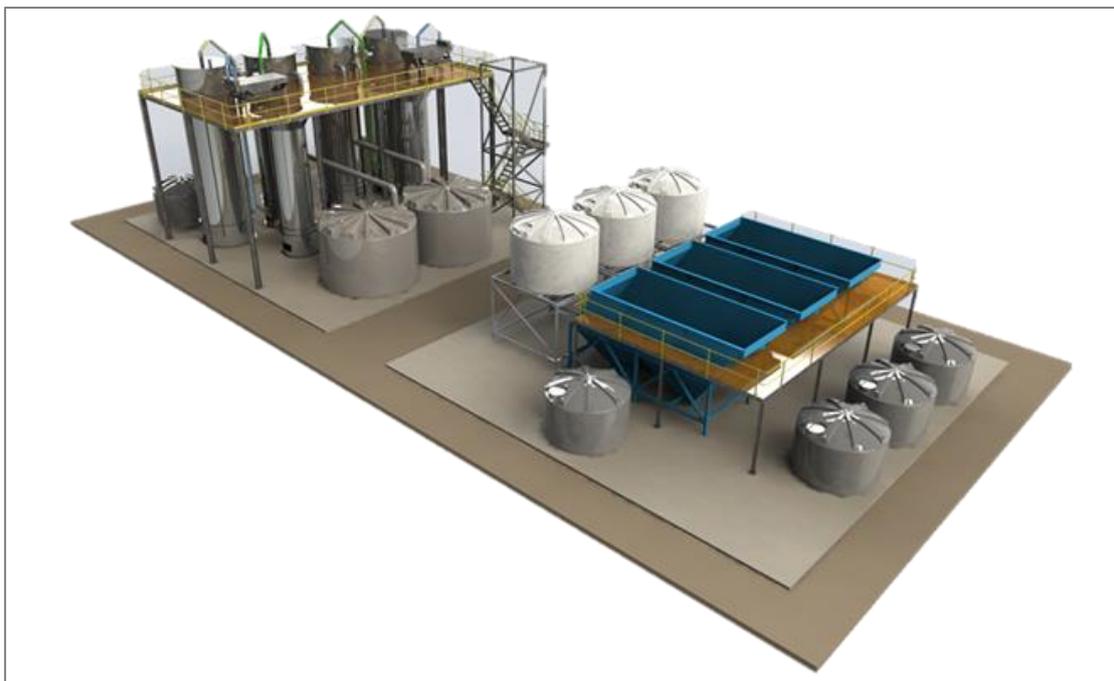
Fosterville operates the Fosterville Gold Mine near Bendigo, around three hours drive north-west of Melbourne. During the mining process, groundwater is produced which is currently stored at surface in limited capacity dams on the mine site.

To create a more sustainable water management strategy, Fosterville approached Clean TeQ to provide a system that will treat the mine water to match the quality of the region's underlying aquifer. Fosterville can then use managed aquifer injection (MAI) to return the water to its natural source, or alternatively, use the treated water from the Clean TeQ plant for further treatment and subsequent recycling and re-use of the water.

### **The DeSALx<sup>®</sup> Technology**

The Fosterville water treatment plant comprises an integrated precipitation and continuous ionic filtration process (DeSALx<sup>®</sup>).

The precipitation process removes arsenic and antimony from the water as a co-precipitate. The water is then treated by the DeSALx® process to remove hardness, sulphate, and other dissolved metals. DeSALx® technology is ideal for complex mine wastewater treatment. The DeSALx® process can be used as a standalone or as a pretreatment for membrane based water treatment systems.



**Fosterville Water Treatment System**

As the DeSALx® by-product is gypsum-based, it is compatible with Fosterville's current established lime treatment facility and provides a zero-brine water treatment solution.

Design of the Fosterville water treatment plant is already underway, with equipment supply, installation and commissioning all scheduled for 2018.

Clean TeQ Water is actively engaged with several mining companies globally in testing our unique continuous ion exchange systems for the treatment of process water treatment for recycling or environmental discharge.

**For more information about Clean TeQ please contact:**

Richard Glass, Investor Relations (Australia)

+61 3 9797 6781

Evan Young, Investor Relations (North America)

+1 647 808 2141

**About Clean TeQ Holdings Limited (ASX: CLQ)** – Based in Melbourne, Australia, Clean TeQ is a leader in metals recovery and industrial water treatment through the use of its proprietary Clean-iX® continuous ion exchange technology.

For more information about Clean TeQ please visit the Company's website [www.cleanteq.com](http://www.cleanteq.com).

**About the Clean TeQ Sunrise Project** – Clean TeQ is the 100% owner of the Clean TeQ Sunrise Project, located in New South Wales, Australia. The Clean TeQ Sunrise Project is one of the largest cobalt and nickel deposits outside of Africa, and one of the largest and highest-grade accumulations of scandium ever discovered.

**About Clean TeQ Water** – Through its wholly owned subsidiary Clean TeQ Water, Clean TeQ is also providing innovative wastewater treatment solutions for removing hardness, desalination, nutrient removal, zero liquid discharge. The sectors of focus include municipal wastewater, surface water, industrial waste water and mining waste water.

For more information about Clean TeQ Water please visit [www.cleanteqwater.com](http://www.cleanteqwater.com)

*This release may contain forward-looking statements. The actual results could differ materially from a conclusion, forecast or projection in the forward-looking information. Certain material factors or assumptions were applied in drawing a conclusion or making a forecast or projection as reflected in the forward-looking information.*