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Itronics Announces Exclusive Option to Purchase 48 Acre, 54,000 Square Foot Manufacturing Facility

Facility Provides Land, Buildings, and Rail Service to Support Large-Scale Commercial Expansion at Site at Wabuska, Nevada

RENO, Nev., May 01, 2018 (GLOBE NEWSWIRE) -- Itronics Inc. (OTC:ITRO), a diversified zinc fertilizer and silver producing green technology Company, today announced that it has acquired an exclusive 6 month option (which can be extended 6 months if needed) to purchase a manufacturing facility located at Wabuska, Nevada. "This is a long term strategic site acquisition for commercial expansion of Itronics' unique portfolio of 'Zero Waste Technologies,'" said Dr. John Whitney, President.

Primary among these technologies are the new hydrometallurgical processes for leaching iron (FeLix Process), zinc (ZinLix Process), and sulfur (SuLix Process) for use in production of GOLD'n GRO micronutrient fertilizers, and high silver content concentrates for e-scrap refining. The Company does not have enough room at its Reno manufacturing facility to set up and operate complete prototype processing circuits to develop engineering data to support construction of commercial scale operating units. The Wabuska location provides adequate space to expand and continue developing these technologies to large commercial scale.

A high priority for Itronics is to perform the pilot scale testing using the ZinLix process to convert zinc flue dust to provide a low cost source of zinc for GOLD'n GRO zinc micronutrient fertilizer manufacturing, the ability to ship these fertilizers in bulk by rail throughout the United States, and to produce zinc and byproduct metals including silver and gold. The other application that will be high priority is to expand the FeLix and SuLix processes to handle large quantities of precious metal bearing precipitates that will be produced by commercial use of the KAM-Thio technology at silver/gold mine sites. The silver recovered from these precipitates will be used to support expansion of e-scrap refining. The Wabuska site is suitable for installation of a large commercial scale e-scrap processing operation and for installation of operations to refine precious metals and base metals recovered, at a scale required by the processing and recycling operations.

The site is already zoned for fertilizer manufacturing, chemical manufacturing, and foundry operations and special use permits will be required for specific operations. The facility is on 48 acres, has five buildings with 54,000 square feet under roof, has six dry product silos and two vertical liquid tanks, and is adjacent to a rail siding. Zinc flue dusts are fine powders and can be delivered in rail hopper cars and stored in the product silos. The product silos are fully equipped, including a conveyor system to transport the zinc flue dust powder into one of the existing buildings on site.

The exclusive purchase option also includes more than eight acre feet of water rights. There are two water wells on the site along with a lined fresh water pond, and a lined process water pond for which the permits are active. Site infrastructure includes electric power and natural gas.

The Wabuska site, located about 75 miles southeast of Reno, Nevada, is about 12 miles north of Yerington, Nevada on the north side of the Yerington copper mining district with its large undeveloped copper deposits, and is about 10 miles east of the Company's Fulstone copper, zinc, silver, gold, iron, and industrial mineral exploration property.

"The Wabuska site is strategically located and is already configured and zoned for uses that are a perfect fit for expansion of Itronics breakthrough 'Zero Waste' technologies at commercial scale," said Dr. Whitney. "We are pleased that the seller has been willing to work with Itronics to make this \$1.6 million purchase option possible. We are also pleased and excited to be able to expand our technology operations at commercial scale at a highly desirable strategic location in northern Nevada."

Itronics plans to use the exclusive option period to complete validation of water rights, special use permit requirements, and other regulatory issues that will need to be assumed with purchase of the property. The Company will also begin detailed planning for occupying the property within a period that will be defined in part by special use permit requirements and the elapsed time required to obtain such permits.

About Itronics

Headquartered in Reno, Nevada, Itronics Inc. is a "Creative Green Technology" Company which produces GOLD'n GRO specialty liquid fertilizers, silver bullion, and silver-bearing glass. The Company's goal is to achieve profitable green technology driven organic growth in specialty GOLD'n GRO fertilizers, silver, zinc, and minerals. The Company's technologies maximize the recovery and uses of metals and minerals and by doing this it maximizes sustainability.

Through its subsidiary, Itronics Metallurgical, Inc., Itronics is the only company with a fully permitted "Beneficial Use Photochemical, Silver, and Water Recycling" plant in the United States that converts 100 percent of the spent photoliquids into GOLD'n GRO liquid fertilizers, silver bullion, and silver bearing glass. This is internationally recognized award winning "Zero Waste" Technology. The Company is developing a portfolio of environmentally beneficial "Zero waste" processing and mining technologies. Itronics has received numerous domestic and international awards that recognize its ability to successfully use chemical science and engineering to create and implement new environmentally green recycling and fertilizer technologies.

The Company's environmentally friendly award winning GOLD'n GRO liquid fertilizers, which are extensively used in agriculture, can be used for lawns and houseplants, and are available at the Company's "e-store" on Amazon.Com. Due to expanded retail customer interest, GOLD'n GRO fertilizer may now be purchased in Reno, Nevada at the "Buy Nevada First Gift Shop" at 4001 S. Virginia St.

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