

TARONIS TECHNOLOGIES, INC.
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Registration No. 333-230854

PROSPECTUS SUPPLEMENT

(To Prospectus dated April 12, 2019)

1,086,957 shares of Common Stock

Pursuant to this prospectus supplement and the accompanying prospectus, we are offering up to 1,086,957 shares of our common stock (the “Common Stock”). The shares of Common Stock are being sold directly to certain institutional accredited investor(s) pursuant to a securities purchase agreement dated May 3, 2019. The 1,086,957 shares of Common Stock are being sold at a purchase price of \$0.46 per share.

In a concurrent private placement, we are also selling to investors convertible debentures in the principal amount of \$1,500,000, which is convertible by the holder into shares of our Common Stock, exercisable at a price of \$0.70 per conversion share, subject adjustment (the “Debentures”). We will also have the option to convertible each installment payment thereunder into shares of our Common Stock, exercisable at a price equal to 85% of the lowest daily VWAP during the 10 trading days immediately preceding each installment date. *The Debentures and the conversion shares underlying the Debentures are not being registered under the Securities Act of 1933, as amended (the “Securities Act”) pursuant to the registration statement of which this prospectus supplement and the accompanying prospectus form a part and are not being offered pursuant to this prospectus supplement and the accompanying prospectus. The Debentures are being offered pursuant to an exemption from the registration requirements of the Securities Act provided by Section 4(a)(2).*

The proceeds to us before expenses in the Common Stock offering will be \$500,000. We estimate the total expenses of this offering will be \$15,000.

Our Common Stock is quoted on The Nasdaq Capital Market under the symbol “TRNX.” On May 2, 2019, the last reported sales price for our Common Stock on The Nasdaq Capital Market was \$0.58 per share.

As of May 2, 2019, the aggregate market value of our outstanding common shares held by non-affiliates was approximately \$12,901,169 million based on 22,243,395 common shares held by non-affiliates and the last reported sale price of \$0.58 per share on The Nasdaq Capital Market on such date.

This offering is expected to close on or about May 3, 2019, subject to customary closing conditions, without further notice to you. We have not arranged to place the funds from the investors in an escrow, trust or similar account.

We ceased to be an emerging growth company, as defined in Section 2(a) of the Securities Act of 1933, as amended, as of December 31, 2017.

Investing in our securities involves a high degree of risk. Please read “Risk Factors” beginning on page S-8 of this prospectus supplement and in the documents incorporated by reference into this prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this prospectus supplement or the accompanying prospectus are truthful or complete. Any representation to the contrary is a criminal offense.

Prospectus Supplement dated May 3, 2019.

TABLE OF CONTENTS

	Page
PROSPECTUS SUPPLEMENT	
<u>About this Prospectus Supplement</u>	S-1
<u>Prospectus Supplement Summary</u>	S-2
<u>Risk Factors</u>	S-8
<u>Cautionary Note Regarding Forward-Looking Statements</u>	S-11
<u>Use of Proceeds</u>	S-11
<u>Description of Securities We are Offering</u>	S-11
<u>Capitalization</u>	S-12
<u>Plan of Distribution</u>	S-12
<u>Legal Matters</u>	S-13
<u>Experts</u>	S-13
<u>Where You Can Find More Information</u>	S-13
<u>Information Incorporated by Reference</u>	S-13

PROSPECTUS

<u>About this Prospectus</u>	3
<u>Our Company</u>	4
<u>Risk Factors</u>	6
<u>Cautionary Note Regarding Forward-Looking Statements</u>	7
<u>Use of Proceeds</u>	7
<u>Description of Securities We Are Offering</u>	7
<u>Description of Warrants</u>	11
<u>Description of Rights</u>	12
<u>Description of Units</u>	13
<u>Plan of Distribution</u>	15
<u>Legal Matters</u>	17
<u>Experts</u>	17
<u>Where You Can Find More Information</u>	17

You should rely only on the information contained in or incorporated by reference in this prospectus supplement, the accompanying prospectus and in any free writing prospectus that we have authorized for use in connection with this offering. We have not authorized anyone to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information in this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus, and in any free writing prospectus that we have authorized for use in connection with this offering, is accurate only as of the date of those respective documents. Our business, financial condition, results of operations and prospects may have changed since those dates. You should read this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the

accompanying prospectus, and any free writing prospectus that we have authorized for use in connection with this offering, in their entirety before making an investment decision. You should also read and consider the information in the documents to which we have referred you in the sections of this prospectus supplement entitled “Information Incorporated by Reference” and “Where You Can Find More Information.”

S-i

ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying prospectus form part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission, or SEC, using a “shelf” registration process. This document contains two parts. The first part consists of this prospectus supplement, which provides you with specific information about this offering. The second part, the accompanying prospectus, provides more general information, some of which may not apply to this offering. Generally, when we refer only to the “prospectus,” we are referring to both parts combined. This prospectus supplement may add, update or change information contained in the accompanying prospectus. To the extent that any statement we make in this prospectus supplement is inconsistent with statements made in the accompanying prospectus or any documents incorporated by reference herein or therein, the statements made in this prospectus supplement will be deemed to modify or supersede those made in the accompanying prospectus and such documents incorporated by reference herein and therein.

Unless the context otherwise requires, all references to the terms “we,” “us,” “our,” and the “company” throughout this prospectus supplement mean Taronis Technologies, Inc. and its subsidiaries.

All references in this prospectus supplement to our financial statements include, unless the context indicates otherwise, the related notes.

The industry and market data and other statistical information contained in the documents we incorporate by reference are based on management’s own estimates, independent publications, government publications, reports by market research firms or other published independent sources, and, in each case, are believed by management to be reasonable estimates. Although we believe these sources are reliable, we have not independently verified the information.

The information contained in this prospectus supplement or the accompanying prospectus is accurate only as of the date of this prospectus supplement or the accompanying prospectus, regardless of the time of delivery of this prospectus supplement, the accompanying prospectus or of any sale of the securities. We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference in this prospectus supplement or the accompanying prospectus were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

S-1

PROSPECTUS SUPPLEMENT SUMMARY

The following summary of our business highlights some of the information contained elsewhere in or incorporated by reference into this prospectus supplement. Because this is only a summary, however, it does not contain all of the information that may be important to you. You should carefully read this prospectus supplement and the accompanying prospectus, including the documents incorporated by reference, which are described under “Information Incorporated by Reference” and “Where You Can Find More Information” in this prospectus supplement. You should also carefully consider the matters discussed in the section entitled “Risk Factors” in this prospectus supplement, in the accompanying prospectus and in other periodic reports incorporated herein by reference.

Our Company

Overview

We are a technology-based company that is focused on addressing the global constraints on natural resources, including fuel and water. Our two core technology applications – renewable fuel gasification and water decontamination/sterilization - are derived from our patented and proprietary Plasma Arc Flow System. The Plasma Arc Flow System works by generating a combination of electric current, heat, ultraviolet light and ozone, that affects the feedstock run through the system to create a chosen outcome, depending on whether the system is in “gasification mode” or “sterilization mode”.

Gasification Mode

When the Plasma Arc Flow System is in “gasification mode” and the appropriate feedstock is passed through the system in a closed loop with constant recirculation (to achieve the maximum possible gasification rates), it creates a renewable, hydrogen-based synthetic fuel we call “MagneGas”. We sell MagneGas as a metal cutting fuel as an alternative product to acetylene, which is the mostly commonly used metal fuel globally, but also happens to be a non-renewable fossil fuel-based metal cutting fuel. Alternatively, MagneGas is a cleaner, renewable fuel alternative that creates a flame up to 85% hotter than acetylene and cuts metal up to 38% faster than acetylene, while maintaining a comparable price.

Sterilization Mode

When the Plasma Arc Flow System is in “sterilization mode” the system may process any number of liquified waste streams. In most cases we pass the selected waste stream through the system a limited number of times to achieve the maximum sterilization/decontamination effect on the waste stream. Sterilization mode also produces modest amounts of gas as a byproduct. Our proprietary combination of electric current, heat, ultraviolet light and ozone has shown an ability to eliminate up to 99.9% of EPA and USDA regulated pathogens such as e-coli and fecal coliform. We also believe our technology also has the capability to eliminate cyanobacteria commonly referred to as “blue-green algae” and are currently conducting tests to verify that capability.

S-2

During 2017 and 2018, as part of our retail growth strategy, we acquired a number of businesses with large customer bases through which we now offer our proprietary MagneGas product in addition to other gases and welding supplies. The majority of our retail locations are in Texas and California, which we believe are the two top markets for consumption of metal cutting fuels and related supplies. We also have locations in Florida and Louisiana. We also market, for sale and licensure, our proprietary plasma arc technology for gasification and the processing of liquid waste and have developed a global network of brokers to sell the Plasma Arc Flow System.

Core Technology

Our patented system enables fluid to efficiently pass through a submerged plasma arc.

To create synthetic fuel, the fluid must contain hydrogen and oxygen – carbon supply can be facilitated by the electrodes.

As the fluid passes through the arc, hydrogen, carbon and oxygen molecules are liberated and gasified.

A wide range of feedstocks can produce different gases, with differing flame and heating properties

Typically, our fuels are 40-60% ionized hydrogen and 30-40% other synthetic hydrocarbon and carbon compounds.

To decontaminate or sterilize waste streams, such as contaminated water or biomass waste, the “feed stock” must be in liquid form.

Our Products

We have two proprietary products that we market and sell, which are derived from our core technology. The first is our clean, renewable alternative cutting fuel called “MagneGas”, which is sold at our various locations to retail end users as an alternative product to acetylene. The second is our Plasma Arc Flow System, which is marketed for sale and licensure to commercial operators who desire to utilize our technology for gas production (under strict license) or water decontamination and sterilization.

MagneGas Cutting Fuel

We currently produce MagneGas, which is comprised primarily of hydrogen and created through a patented protected process. The fuel can be used as an alternative to acetylene and other natural gas derived fuels for metal cutting and other commercial uses. After production, the fuel is stored in hydrogen cylinders which are then sold to market on a rotating basis. Independent analyses performed by the City College of New York and Edison Welding Institute have verified that MagneGas cuts metal at a significantly higher temperature and faster than acetylene, which is the most commonly used fuel in metal cutting. The use of MagneGas is nearly identical to acetylene (it merely requires a different welding tip and a regulator) making it easy for end-users to adopt our product with limited training.

Over the last several years we have acquired and maintain a retail distribution network, which allows us to sell and transport MagneGas to customers in various metalworking industries. Since 2017, we have doubled the range we are able to distribute MagneGas and are now able to more efficiently address markets within a 500-mile radius of our production hubs in Florida and Texas. Within the next two years we plan to create two production hubs in California to serve the western United States. Finally, we have and intend to continue to acquire complementary gas and welding supply distribution businesses in order to expand the distribution and use of MagneGas, other industrial gases and related equipment. We have sold to over 30,000 customers in the public and private sectors.

Plasma Arc Flow System

We use our Plasma Arc Flow System to make MagneGas, but it has the ability to gasify many forms of liquids and liquid waste such as used vegetable, soybean or motor oils, certain types of liquified biomass, ethylene glycol and can be used to sterilize bio-contaminants in waste and decontaminate water.

The Plasma Arc Flow System forces a high-volume flow of liquid waste through a submerged plasma arc existing between carbon electrodes, a process which sterilizes the bio-contaminants within the waste without requiring any chemical disinfecting agents. The Plasma Arc Flow System also releases a clean burning fuel as a byproduct of the decontamination and sterilization process, which can be used to offset some energy consumption. Because our Plasma Arc Flow Systems are available in various sizes from 50kW to 500kW, they are applicable to a broad array of end-users, including: (i) large consumers of cutting fuels (construction companies, shipbuilders, heavy industry) who desire a safer, renewable, and efficient alternative to acetylene and propane, (ii) producers of contaminated waste streams (commercial manufacturers, farming operations, chemical producers, etc.) who either desire to or are mandated by law to treat agricultural, pharmaceutical, industrial or manufacturing waste streams prior to release into the ecosystem and (iii) local, state or federal governments, desirous of decontaminating water sources or reclaiming waste water that is otherwise unusable.

Our Strategy

We strive to be a leading clean technology company. We seek to accomplish this goal through commercialization of our existing proprietary products, and research and development to improve upon these products and discover new products or applications. To help commercialize the use of MagneGas, over the last several years we have acquired a number of independent welding supply and gas distribution businesses, which now offer MagneGas as an alternative to acetylene in 22 retail locations across the United States. We will continue to evaluate potential strategic acquisition targets to enhance our organic based growth model. To further the commercialization of our Plasma Arc Flow Systems for decontamination and sterilization, we have applied for and have been awarded two grants from the United States Department of Agriculture and have successfully completed a number of pilot studies and plan to open a commercial sterilization and decontamination facility in the United States within the next year.

Our research and development activities are focused on:

the potential ability to use the Plasma Arc Flow System for the processing of agricultural waste and for the elimination of cyanobacteria, commonly referred to as “blue-green algae”;

proving and scaling the utility of our Plasma Arc Flow System on a large-scale industrial basis;

increased system efficiency for higher fuel production.

Our Distribution & Sales Network

We distribute and sell our MagneGas fuel, other gases and welding supplies at our retail locations in Florida, Louisiana, Texas and California through a select network of independent welding supply distributors. We use our retail industrial gas and welding supply subsidiaries as a platform to accelerate MagneGas fuel sales into regional markets. Our Plasma Arc Flow System is distributed directly by the Company and marketed and/or sold via a network of international brokers.

Competitive Business Conditions

The competitive landscape in which our welding supply and gas distribution business operates is comprised of several major international conglomerates, such as Airgas, Linde, Air Products and Praxair and a number of smaller independent distributors which compete for market share in certain geographical areas. We believe that the superior qualities of MagneGas are a market differentiator which allow us to compete with both large conglomerates and smaller distributors.

The competitive landscape in which the Plasma Arc Flow System may be utilized for waste water decontamination and sterilization is relatively undeveloped and we are not aware of any direct competitors at this time.

Patents and Trademarks

The technology related to the Plasma Arc Flow System is patented in the United States and to the extent we have not done so already, we are exploring filing patents under the Patent Cooperation Treaty in other areas of the world. The

patents related to “Plasma Arcs” are the Company’s key patents. In addition to the issued United States patents listed below, we have numerous patents pending. We own the following U.S. patents:

U.S. Patent No. 6,183,604 - DURABLE AND EFFICIENT EQUIPMENT FOR THE PRODUCTION OF A
1. COMBUSTIBLE AND NON-POLLUTANT GAS FROM UNDERWATER ARCS AND METHOD THEREFOR.
Filing Date: August 11, 1999 – Issue Date: February 6, 2001.

U.S. Patent No. 6,673,322 - APPARATUS FOR MAKING A NOVEL, HIGHLY EFFICIENT,
2. NONPOLLUTANT, OXYGEN RICH AND COST COMPETITIVE COMBUSTIBLE GAS AND ASSOCIATED
METHOD. Filing Date: June 29, 2001 – Issue Date: January 6, 2004.

U.S. Patent No. 6,663,752 – BURNING LIQUID FUEL PRODUCED VIA A SELF-SUSTAINING PROCESSING
3. OF LIQUID FEEDSTOCK. Filing Date: October 3, 2001 – Issue Date: December 16, 2003.

U.S. Patent No. 6,926,872 - APPARATUS AND METHOD FOR PRODUCING A CLEAN BURNING
4. COMBUSTIBLE GAS WITH LONG LIFE ELECTRODES AND MULTIPLE PLASMA-ARC-FLOWS. Filing
Date: December 7, 2001 – Grant Date: August 9, 2005.

U.S. Patent No. 6,972,118 – APPARATUS AND METHOD FOR PROCESSING HYDROGEN, OXYGEN AND
5. OTHER GASES. Filing Date: December 14, 2001 – Issue Date: December 6, 2005.

U.S. Patent No. 7,780,924 – PLASMA-ARC-FLOW APPARATUS FOR SUBMERGED LONG LASTING
6. ELECTRIC ARCS OPERATING UNDER HIGH POWER, PRESSURE AND TEMPERATURE CONDITIONS
TO PRODUCE A COMBUSTIBLE GAS. Filing Date: June 26, 2006 – Issue Date: August 24, 2010.

7. U.S. Patent No. 8,236,150 – PLASMA-ARC-THROUGH APPARATUS AND PROCESS FOR SUBMERGED ELECTRIC ARCS. Filing Date: July 1, 2010 – Issue Date: August 7, 2012.
8. U.S. Patent No. 9,433,916 - PLASMA-ARC-THROUGH APPARATUS AND PROCESS FOR SUBMERGED ELECTRIC ARCS WITH VENTING. Filing Date: May 28, 2014 – Issue Date: September 6, 2016.
9. U.S. Patent No. 9,700,870 - METHOD AND APPARATUS FOR THE INDUSTRIAL PRODUCTION OF NEW HYDROGEN-RICH FUELS. Filing Date: April 3, 2014 – Issue Date: July 11, 2017.
10. U.S. Patent No. 10,100,416 - PLASMA-ARC-THROUGH APPARATUS AND PROCESS FOR SUBMERGED ELECTRIC ARCS WITH VENTING. Filing Date: August 8, 2016 – Issue Date: October 16, 2018.
11. U.S. Patent No. 10,100,262 - METHOD AND APPARATUS FOR THE INDUSTRIAL PRODUCTION OF NEW HYDROGEN-RICH FUELS. Filing Date: June 2, 2017 – Issue Date: October 16, 2018.
12. U.S. Patent No. 10,189,002 - APPARATUS FOR FLOW-THROUGH OF ELECTRIC ARCS. Filing Date: October 31, 2014 – Issue Date: January 29, 2019.

We are also the owner of record for the registered trademarks “MAGNEGAS”, “VENTURI”, “MAGNEGAS2”, “MAGNETOTE” in the United States; “MAGNEGAS” and “MAGNEHYDROGEN” in Mexico; “MAGNEGAS” in Australia and New Zealand.

Governmental Approval

Most of our welding supply products and the applications for which they are used are not subject to governmental approval, although we are subject to state and local licensing requirements. We continue to seek approval from the United States Department of Agriculture (“USDA”) for the use of our Plasma Arc Flow System to treat agricultural waste streams. As part of this testing and the eventual commercialization of our Plasma Arc Flow System, we must meet and maintain compliance with guidelines set by the Environmental Protection Agency (“EPA”) for the release of any decontaminated or sterilized waste streams.

Corporate Information

Taronis Technologies, Inc. was originally organized as 4307 INC. under the laws of the State of Delaware on December 9, 2005. The name of the Company was later changed to MagneGas Corporation and thereafter to MagneGas Applied Technology Solutions, Inc. On January 31, 2019, the name of the Company was changed to Taronis Technologies, Inc. Our corporate headquarters are located at 11885 44th Street North, Clearwater, Florida 33762 and our telephone number is (727) 934-3448.

Reports to Security Holders

We file Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, registration statements and other items pursuant to the Securities Exchange Act of 1934, as amended (the “Exchange Act”) with the Securities and Exchange Commission (“SEC”). The SEC maintains an internet site (www.sec.gov) that contains reports, proxy and information statements regarding issuers that file electronically with the SEC.

S-6

The Offering

Common Stock offered by the Company: 1,086,957 shares of Common Stock. Each share of Common Stock has a purchase price of \$0.46 per share.

Common Stock to be outstanding after this offering: 25,761,382 shares, if all the shares of Common Stock are purchased in the offering.

Use of proceeds: We intend to use the proceeds from this offering for working capital and general corporate purposes. See “Use of Proceeds” on page S-11 of this prospectus supplement.

Nasdaq Capital Market (“Nasdaq”) Symbol: TRNX

Concurrent Private Placement: In a concurrent private placement, we are selling to purchasers of our Common Stock in this offering Convertible Debentures with a principal amount of \$1,500,000. The Debentures have a interest rate of 6% and a maturity date of November 3, 2019. *The Debentures and the underlying conversion shares are not being registered under the Securities Act pursuant to the registration statement of which this prospectus supplement and the accompanying prospectus form a part and are not being offered pursuant to this prospectus supplement and the accompanying prospectus.* The Debentures are being offered pursuant to an exemption from the registration requirements of the Securities Act provided by Section 4(a)(2).

Risk factors: This investment involves a high degree of risk. See the information contained in or incorporated by reference under “Risk Factors” beginning on page S-8 of this prospectus supplement and in the documents incorporated by reference into this prospectus supplement.

The number of shares of Common Stock to be outstanding immediately after this offering is based on 24,674,425 shares outstanding on May 3, 2019 and excludes as of that date:

11,554.2 shares of Common Stock issuable upon the exercise of options;

145,833.35 shares of Common Stock that are issuable upon the exercise of common stock warrants issued in a private placement in June 2017;

1,388.9 shares of Common Stock that are issuable upon the exercise of placement agent warrants issued in the June 2017 Private Placement;

1,250,000 shares of Common Stock that are issuable upon the exercise of common stock warrants issued in a warrant offering in July 2018;

1,090,000 shares of Common Stock that are issuable upon the exercise of common stock warrants issued in a private placement in October 2018;

1,550,000 shares of Common Stock that are issuable upon the exercise of common stock warrants issued in a private placement in January 2019; and

S-7

RISK FACTORS

An investment in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should carefully consider the risks discussed under the Section captioned “Risk Factors” contained in our Annual Report on Form 10-K for the year ended December 31, 2018 and in our Quarterly Reports on Form 10-Q filed with the Securities and Exchange Commission subsequent to the Form 10-K, and in other documents that we subsequently file with the Securities and Exchange Commission, all of which are incorporated by reference in this prospectus supplement and the accompanying prospectus in their entirety, together with other information in this prospectus supplement, the accompanying prospectus, the information and documents incorporated by reference herein and therein, and in any free writing prospectus that we have authorized for use in connection with this offering. If any of these risks actually occurs, our business, financial condition, results of operations or cash flow could be seriously harmed. This could cause the trading price of our Common Stock to decline, resulting in a loss of all or part of your investment.

Risks Relating to this Offering

If you purchase securities in this offering, you may experience immediate and substantial dilution.

You may incur immediate and substantial dilution in the pro forma net tangible book value per share of Common Stock from the price per share that you pay for the securities in this offering. If the holders of outstanding options or warrants or other outstanding convertible securities exercise or convert those options or warrants or other outstanding convertible securities at prices below the public offering price, you will incur dilution.

We have broad discretion to determine how to use the proceeds raised in this offering, and we may not use the proceeds effectively.

Our management will have broad discretion over the use of proceeds from this offering, and we could spend the proceeds from this offering in ways with which you may not agree or that do not yield a favorable return. We intend to use the net proceeds from this offering for working capital and other general corporate purposes. As of the date of this prospectus supplement, we cannot specify with certainty all of the particular uses of the proceeds from this offering. Accordingly, we will retain broad discretion over the use of such proceeds. If we do not invest or apply the proceeds of this offering in ways that improve our operating results, we may fail to achieve expected financial results, which could cause our stock price to decline.

We are currently not in compliance with Nasdaq listing requirements. If we do not regain compliance and continue to meet Nasdaq listing requirements, our Common Stock may be delisted from Nasdaq, which could affect the market price and liquidity of our common stock and reduce our ability to raise additional capital.

On May 7, 2018, we received a notice from Nasdaq indicating that the Common Stock was subject to potential delisting from Nasdaq because for a period of 30 consecutive business days, the bid price of the Common Stock had closed below the minimum \$1.00 per share requirement for continued inclusion under Nasdaq Marketplace Rule 5550(a)(2) (the “Bid Price Rule”). The notification had no immediate effect on the listing or trading of the Common Stock on Nasdaq. Nasdaq stated in its letter that in accordance with the Nasdaq listing requirements, the Company has been provided an initial period of 180 calendar days, or until November 5, 2018, to regain compliance. On November 6, 2018, the Company was informed by Nasdaq Listing Qualifications Staff that the Company’s request for an additional 180-day period to regain compliance, or until May 6, 2019, was granted. To regain compliance with the Bid Price Rule, the bid price of the Common Stock must close at \$1.00 per share or more for a minimum of ten consecutive business days and the company must meet all other initial listing standards for the Nasdaq Capital Market. Although the Company’s stockholders have granted the Company’s Board of Directors discretionary authority to approve a reverse stock split at an exchange ratio of up to one hundred-for-one at any time on or prior to May 11, 2019, there can be no assurance that effecting the reverse stock split will bring the Company into compliance with the Bid Price Rule. If the Company fails to regain compliance during the second 180-day period or by May 6, 2019, then Nasdaq will notify the Company of its determination to delist the Company’s Common Stock, at which point the Company would have an opportunity to appeal the delisting determination to a Hearings Panel.

In addition, on December 13, 2018, the Company convened and thereafter adjourned its annual meeting of stockholders due to an inability to achieve a quorum as specified in the Company’s bylaws. While we have not received a notice from Nasdaq, it is likely that our inability to achieve a quorum would be seen as a failure to hold an annual meeting within 12 months of the end of our last fiscal year (the “Annual Meeting Requirement”). In order to maintain our Nasdaq listing, we may need to create a plan of compliance to submit to Nasdaq for review and hold another annual meeting. However, there can be no assurance that Nasdaq will accept our plan or that we will be able to regain compliance with the Annual Meeting Requirement or maintain compliance with any other Nasdaq requirement in the future.

If we are unable to meet these requirements, our Common Stock could be delisted from Nasdaq. If our Common Stock were to be delisted from Nasdaq, our Common Stock could continue to trade on the OTCQB or similar marketplace following any delisting from Nasdaq. Any such delisting of our Common Stock could have an adverse effect on the market price of, and the efficiency of the trading market for, our Common Stock, not only in terms of the number of shares that can be bought and sold at a given price, but also through delays in the timing of transactions and less coverage of us by securities analysts, if any. Also, if in the future we were to determine that we need to seek additional equity capital, it could have an adverse effect on our ability to raise capital in the public or private equity markets. Any of these changes could cause the value of your investment to decline.

Risks Relating to Our Business

Our business strategy includes growth, and our financial condition and results of operations could be negatively affected if we fail to grow or fail to manage our growth effectively.

Over the course of our business development as an alternative energy company, we have established a retail and wholesale platform and network of brokers to sell our synthetic gas, MagneGas, for use in the metalworking and manufacturing industries. Our business strategy includes continued expansion of this network by way of acquisitions and organic growth. Recently, to further our strategy, we made changes to our executive management team, including a new chief executive officer and interim financial officer. Our ability to successfully grow will depend on a variety of factors, including the ability of these executive officers to execute our business strategy.

Growth opportunities may not be available or we may not be able to manage our growth successfully. If we do not manage our growth effectively, our financial condition and operating results could be negatively affected. Furthermore, there are considerable costs involved in acquiring companies and expanding retail capacity, and generally a period of time is required to generate the necessary revenues to offset these costs, especially in areas in which we do not have an established presence. Accordingly, any such business expansion can be expected to negatively impact our earnings until certain economies of scale are reached.

Pending and future litigation and government investigations may have a material adverse impact on our financial condition and results of operations.

From time to time, we have been subject to litigation. It is possible that we may be subject to litigation or claims for indemnification in connection with the sale of our common stock in inadvertent unregistered transactions that occurred in 2018. The SEC may determine to investigate the unregistered transactions in our common stock, which could subject us to potential enforcement actions by the SEC under Section 5 of the Securities Act of 1933, as

amended (the “Securities Act”) and may result in injunctive relief or the imposition of fines. In addition, it is possible that we had other unregistered offers or sales of our common stock, other than the aforementioned inadvertent unregistered transactions that occurred in 2018, and we may be subject to litigation or claims for indemnification in connection with any such offers or sales. If any such claims were to succeed, we might not have sufficient funds to pay the resulting damages. There can be no assurance that the insurance coverage we maintain would cover any such expenses or be sufficient to cover any claims against us. In addition to the monetary value of any claim, any litigation, regulatory action or governmental proceeding to which we are a party could adversely affect us by harming our reputation, diverting the time and attention of management, and causing the Company to incur significant litigation expenses, which would all materially and adversely affect our business.

In addition, we may be a party to litigation matters involving our business, which operates within a highly regulated industry. On September 4, 2018, we received notice that a law firm representing the estate of an individual who sustained life-ending injuries while working for an end user of our products had made a claim to our insurance carrier. The matter is under investigation by the U.S. Department of Transportation and the Occupational Health and Safety Administration. The Company is still investigating the cause of the accident and there have been no conclusive findings as of this time. It is unknown whether the final cause of the accident will be determined and whether those findings will negatively impact Company operations or sales. The Company continues to be fully operational and transparent with all regulatory agencies.

In addition, on April 15, 2019, we received notice that a class action lawsuit was filed on behalf of our shareholders who purchased shares of the Company, f/k/a MagneGas Applied Technology Solutions, Inc. from January 28, 2019 through February 12, 2019, inclusive. The lawsuit seeks to recover damages for the Company’s investors under the federal securities laws. The litigation is in the early stages and it is unknown whether it will have a financial impact on the Company.

For more information regarding pending litigation or potential legal proceedings, please see the Sections captioned “*Item 3. Legal Proceedings*” contained in our Annual Report on Form 10-K for the year ended December 31, 2017, “*Item 1. Legal Proceedings*” contained in our Quarterly Reports on Form 10-Q filed with the Securities and Exchange Commission subsequent to the Form 10-K, and our Current Report on Form 8-K filed with the SEC on December 13, 2018.

Our technology is unproven on a large-scale industrial basis and could fail to perform in an industrial production environment.

The Plasma Arc Flow System has never been utilized on a large-scale industrial basis. All of the tests that we have conducted to date with respect to our technology have been performed on limited quantities of liquid waste, and we cannot assure you that the same or similar results could be obtained in further tests or on a large-scale industrial basis. We are continuing to develop this technology with the goal of replicating these results in additional tests and on an industrial basis. We cannot predict all of the difficulties that may arise when the technology is utilized on a large-scale industrial basis. In addition, our technology has never operated at a volume level required to be profitable. As our product is an alternative to acetylene, the unstable price of acetylene will impact our ability to become profitable and to sell cost competitive fuel. It is possible that the technology may require further research, development, design and testing prior to implementation of a larger-scale commercial application. Accordingly, we cannot assure you that this technology will perform successfully on a large-scale commercial basis, that it will be profitable to us or that MagneGas will be cost competitive in the market.

We may be required to record a significant charge to earnings as we are required to reassess our goodwill or other intangible assets arising from acquisitions.

We are required under U.S. GAAP to review our intangible assets, including goodwill, for impairment when events or changes in circumstances indicate the carrying value may not be recoverable. Goodwill is required to be tested for impairment annually or more frequently if facts and circumstances warrant a review. Factors that may be considered a change in circumstances indicating that the carrying value of our amortizable intangible assets may not be recoverable include a decline in stock price and market capitalization and slower or declining growth rates in our industry. We may be required to record a significant charge to earnings in our financial statements during the period in which any impairment of our goodwill or amortizable intangible assets is determined.

Risks Related to Our Intellectual Property

Several patents in our patent portfolio have imperfect chains of title, which could result in ownership challenges by third parties. The cost to defend against such ownership challenges or the loss of such patents could have a material adverse effect on our business, operation or financial results.

Our patents, U.S. Patent No.'s. 6,183,604, 6,663,752, and 6,673,322, have defects in their original patent assignments. We have filed several *nunc pro tunc* assignments to correct the assignment defects for each of these patents (the "Corrective Assignments"). The Corrective Assignments are intended to correct the defects in earlier defective patent assignments such that each patent is valid and enforceable by us. The Corrective Assignments do not replace the assignments previously recorded at the U.S. Patent and Trademark Office. Instead, the Corrective Assignments are intended to repair the defects in the prior patent assignments. Notwithstanding the recordation of the Corrective Assignments, the ownership of each patent may be subject to ownership challenges and the costs to defend against such ownership challenges or the loss of such patents could have a material adverse effect on our business, operations or financial results.

Cautionary Note Regarding Forward-Looking Statements

This prospectus supplement (including any documents incorporated by reference herein) contains statements with respect to us which constitute “forward-looking statements” within the meaning of Section 27A of the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, and are intended to be covered by the “safe harbor” created by those sections. Forward-looking statements, which are based on certain assumptions and reflect our plans, estimates and beliefs, can generally be identified by the use of forward-looking terms such as “believes,” “expects,” “may,” “will,” “should,” “could,” “seek,” “intends,” “plans,” “estimates,” “anticipates” or other comparable terms. These forward-looking statements include, but are not limited to, statements concerning future events, our future financial performance, business strategy and plans and objectives of management for future operations. Our actual results could differ materially from those discussed in the forward-looking statements. Factors that could cause or contribute to these differences include those discussed in “Risk Factors” in this prospectus supplement and the documents incorporated by reference herein.

We caution readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date they are made. We disclaim any obligation, except as specifically required by law and the rules of the Securities and Exchange Commission, to publicly update or revise any such statements to reflect any change in company expectations or in events, conditions or circumstances on which any such statements may be based, or that may affect the likelihood that actual results will differ from those set forth in the forward-looking statements.

You should read this prospectus supplement, the accompanying prospectus, and the documents that we incorporate by reference herein and therein and have filed as exhibits to the registration statement of which this prospectus supplement is part, completely and with the understanding that our actual future results may be materially different from what we expect. You should assume that the information appearing in this prospectus supplement is accurate as of the date on the cover of this prospectus supplement only. Our business, financial condition, results of operations and prospects may change. We may not update these forward-looking statements, even though our situation may change in the future, unless we have obligations under the federal securities laws to update and disclose material developments related to previously disclosed information. We qualify all of the information presented in this prospectus supplement, and particularly our forward-looking statements, by these cautionary statements.

USE OF PROCEEDS

The proceeds to us before expenses will be \$500,000. We estimate the total expenses of this offering will be \$485,000. We intend to use the net proceeds from this offering for working capital and general corporate purposes.

DESCRIPTION OF SECURITIES WE ARE OFFERING

Pursuant to this prospectus supplement and the accompanying prospectus, we are offering 1,086,957 shares of our common stock ("Common Stock") par value \$0.001 per share. The shares of Common Stock are being sold directly to certain institutional accredited investor(s) pursuant to a securities purchase agreement dated May 3, 2019. The shares of Common Stock are being sold at a purchase price of \$0.46 per share.

As of May 3, 2019, our authorized capital stock consisted of 190,000,000 shares of Common Stock, of which 24,674,425 shares were issued and outstanding, and 10,000,000 shares of preferred stock, par value \$0.001 per share, of which none are issued and outstanding. In addition, as of May 3, 2019, there were issued and outstanding options to purchase 11,554.2 shares of Common Stock and warrants to purchase 3,891,388.9 shares of Common Stock. The authorized and unissued shares of Common Stock and Preferred Stock are available for issuance without further action by our stockholders, unless such action is required by applicable law or the rules of any stock exchange on which our securities may be listed.

Common Stock

Holders of our Common Stock are entitled to one vote for each share on all matters submitted to a stockholder vote. Our Common Stock does not have cumulative voting rights. Holders of our Common Stock representing a majority of the voting power of our capital stock issued and outstanding and entitled to vote, represented in person or by proxy, are necessary to constitute a quorum at any meeting of our stockholders. A vote by the holders of a majority of our outstanding shares is required to effectuate certain fundamental corporate changes such as liquidation, merger or an amendment to our certificate of incorporation. Although there are no provisions in our charter or by-laws that may delay, defer or prevent a change in control, the board of directors is authorized, without stockholder approval, to issue shares of preferred stock that may contain rights or restrictions that could have this effect. Holders of Common Stock are entitled to share in all dividends that the board of directors, in its discretion, declares from legally available funds. In the event of liquidation, dissolution or winding up, each outstanding share entitles its holder to participate pro rata in all assets that remain after payment of liabilities and after providing for each class of stock, if any, having preference over the common stock. Holders of our Common Stock have no pre-emptive rights, no conversion rights and there are no redemption provisions applicable to our Common Stock.

All of our outstanding shares of Common Stock are, and the shares of Common Stock to be issued in this offering will be, fully paid and nonassessable.

Effective as of January 30, 2019 at 5 p.m. Eastern Time, the Company effected the Reverse Split at an exchange ratio of one-for-20. The Reverse Split did not modify the rights or preferences of our Common Stock. The Reverse Split is intended to increase the price of our Common Stock and bring the Company into compliance with Nasdaq listing standards so that its shares of Common Stock may continue to be traded on the Nasdaq.

CAPITALIZATION

The following table sets forth our consolidated capitalization as of December 31, 2018 and our capitalization as of December 31, 2018 on a pro forma basis, based on a public offering price of \$0.46 per share of Common Stock. You should read the following table in conjunction with “Use of Proceeds” in this prospectus supplement and our consolidated financial statements and the notes thereto incorporated by reference in this prospectus supplement and the accompanying prospectus.

	As of December 31, 2018 (audited)	Pro Forma (assuming \$500,000 in Common Stock sold in the Offering)
Cash and cash equivalents	\$1,598,737	\$2,098,737
Long term debt		
Note payable	\$601,582	\$601,582
Capital leases, net of current	\$203,294	\$203,294
Total Liabilities	\$4,345,348	\$4,345,348
Stockholders' equity		
Common stock: \$0.001 par; 190,000,000 shares authorized; 7,732,815 shares issued and outstanding at December 31, 2018	\$7,732	\$8,819
Additional paid-in-capital	\$102,802,553	\$103,302,553
Accumulated deficit	\$(79,619,711)	\$(79,619,711)
Total stockholders' equity	\$23,190,574	\$23,691,661
Total Capitalization	\$27,585,922	\$28,037,009

PLAN OF DISTRIBUTION

Pursuant to this prospectus supplement and the accompanying prospectus, we are offering 1,086,957 shares of our Common Stock at a purchase price of \$0.46 per share. The public offering price of the shares of Common Stock offered by this prospectus supplement and the accompanying base prospectus has been determined based upon arm's-length negotiations between the purchasers and us.

The shares of Common Stock are being sold directly to certain institutional accredited investor(s) pursuant to a securities purchase agreement dated May 3, 2019. The securities purchase agreement provides the investors with certain representations, warranties and covenants, including indemnifications, from us. Our obligation to issue and sell the shares of Common Stock to the investors who are party to the securities purchase agreement is subject to the closing conditions set forth in the securities purchase agreement, including the absence of any material adverse change in our business and the receipt of certain opinions, letters and certificates from us or our counsel, which may be waived by the respective parties. All of the Common Stock will be sold at the price specified in this prospectus supplement and, we expect, at a single closing. We currently anticipate that the initial closing of the sale of the shares of Common Stock will take place on or about May 3, 2019.

The transfer agent and registrar for our common stock is Corporate Stock Transfer, Inc. The transfer agent's address is 3200 Cherry Creek South Drive, Suite 430, Denver, CO 80209, and its telephone number is (303) 282-4800.

Our common stock is listed on The Nasdaq Capital Market under the symbol "TRNX."

LEGAL MATTERS

The validity of the securities offered hereby will be passed upon for us by Tyler B. Wilson, Esq. our General Counsel.

EXPERTS

The consolidated financial statements of the Company as of December 31, 2018 and for the year ended December 31, 2017 incorporated in this prospectus supplement by reference to our Annual Report on Form 10-K for the year ended December 31, 2018, have been so incorporated in reliance on the report (which contains an explanatory paragraph relating to our ability to continue as a going concern as described in the notes to the consolidated financial statements) of Marcum LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

Where You Can Find More Information

This prospectus supplement is part of a registration statement on Form S-3 that we filed with the SEC under the Securities Act of 1933, as amended, and does not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus supplement to any of our contracts, agreements or other documents, the reference may not be complete, and you should refer to the exhibits that are a part of the registration statement of which this prospectus supplement is a part, or the exhibits to the reports or other documents incorporated by reference in this prospectus supplement for a copy of such contract, agreement or other document.

Because we are subject to the information and reporting requirements of the Securities Exchange Act of 1934, as amended, we file annual, quarterly and special reports, and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's website at <http://www.sec.gov>.

The website addresses referenced herein are not intended to function as hyperlinks, and the information contained in our website and in the SEC's website is not incorporated by reference into this prospectus supplement and should not be considered to be part of this prospectus supplement.

INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to incorporate by reference into this prospectus supplement the information contained in other documents we file with the SEC, which means that we can disclose important information to you by referring you to those documents. Any statement contained in any document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded, for purposes of this prospectus supplement, to the extent that a statement contained in or omitted from this prospectus supplement, or in any other subsequently filed document that also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement. This prospectus supplement incorporates by reference our documents listed below and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act until all of the securities are sold:

Our Annual Report on Form 10-K for the year ended December 31, 2018, filed with the SEC on April 12, 2019.

Our Current Reports on Form 8-K and Form 8-K/A, filed with the SEC on January 11, 2019 (two on this date), January 15, 2019, January 18, 2019, January 24, 2019, January 28, 2019, January 31, 2019, February 4, 2019, February 5, 2019, February 7, 2019, February 8, 2019, February 11, 2019, February 13, 2019, February 19, 2019 (two on this date), February 28, 2019 and March 8, 2019.

The description of our common stock contained in our registration statement on Form 8-A filed with the SEC on August 14, 2012, under Section 12(b) of the Exchange Act, including any amendments or reports filed for the purpose of updating such description.

Notwithstanding the foregoing, we are not incorporating any document or portion thereof or information deemed to have been furnished and not filed in accordance with SEC rules.

You may request a free copy of the above-mentioned filings or any subsequent filings we incorporate by reference to this prospectus supplement by writing or telephoning us at the following address: Taronis Technologies, Inc., 11885 44th Street North, Clearwater, FL 33762, (727) 934-3448.

PROSPECTUS

\$100,000,000

Common Stock, Preferred Stock,

Warrants, Rights, Units

We may offer and sell up to \$100,000,000 in the aggregate of the securities identified above from time to time in one or more offerings. This prospectus provides you with a general description of the securities.

Each time we offer and sell securities, we will provide a supplement to this prospectus that contains specific information about the offering and the amounts, prices and terms of the securities. The supplement may also add, update or change information contained in this prospectus with respect to that offering. You should carefully read this prospectus and the applicable prospectus supplement before you invest in any of our securities.

We may offer and sell the securities described in this prospectus and any prospectus supplement to or through one or more underwriters, dealers and agents, or directly to purchasers, or through a combination of these methods. If any underwriters, dealers or agents are involved in the sale of any of the securities, their names and any applicable purchase price, fee, commission or discount arrangement between or among them will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement. See the sections of this prospectus entitled “About this Prospectus” and “Plan of Distribution” for more information. No securities may be sold without delivery of this prospectus and the applicable prospectus supplement describing the method and terms of the offering of such securities.

Our common stock is listed on the NASDAQ Capital Market under the symbol “TRNX.” On April 12, 2019, the last reported sale price of our common stock on the NASDAQ Capital Market was \$0.99 per share.

As of April 12, 2019, the aggregate market value of our outstanding common stock held by non-affiliates was \$24,044,316.10 million based on 24,287,188 shares outstanding, of which 21,856,158 shares are held by non-affiliates,

and a per share price of \$0.99, based on the last reported sale price of our common shares on the NASDAQ Capital Market on April 12, 2019. During the twelve-calendar month period ending on and including the date of this prospectus, we did not sell any securities pursuant to General Instruction I.B.6. of Form S-3.

Investing in our securities involves risks. See the “risk factors” on page 6 of this prospectus and any similar section contained in the applicable prospectus supplement concerning factors you should consider before investing in our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this prospectus supplement or the accompanying prospectus are truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is April [], 2019.

TABLE OF CONTENTS

<u>About this Prospectus</u>	3
<u>Our Company</u>	4
<u>Risk Factors</u>	6
<u>Cautionary Note Regarding Forward-Looking Statements</u>	7
<u>Use of Proceeds</u>	7
<u>Description of Securities We Are Offering</u>	7
<u>Description of Warrants</u>	11
<u>Description of Rights</u>	12
<u>Description of Units</u>	13
<u>Plan of Distribution</u>	15
<u>Legal Matters</u>	17
<u>Experts</u>	17
<u>Where You Can Find More Information</u>	17
<u>Incorporation by Reference</u>	17

You should rely only on the information contained in or incorporated by reference in this prospectus, any prospectus supplement and in any free writing prospectus that we have authorized for use in connection with an offering. We have not authorized anyone to provide you with additional or different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information in this prospectus, any accompanying prospectus supplement, the documents incorporated by reference in this prospectus any accompanying prospectus supplement, and any free writing prospectus that we have authorized for use in connection with an offering, is accurate only as of the date of those respective documents. Our business, financial condition, results of operations and prospects may have changed since those dates. You should read this prospectus, any accompanying prospectus supplement, the documents incorporated by reference in this prospectus and any accompanying prospectus supplement, and any free writing prospectus that we have authorized for use in connection with an offering, in their entirety before making an investment decision. You should also read and consider the information in the documents to which we have referred you in the sections of this prospectus entitled “Information Incorporated by Reference” and “Where You Can Find More Information.”

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the SEC, using a “shelf” registration process. By using a shelf registration statement, we may sell securities from time to time and in one or more offerings up to a total dollar amount of \$100,000,000 as described in this prospectus. Each time that we offer and sell securities, we will provide a prospectus supplement to this prospectus that contains specific information about the securities being offered and sold and the specific terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus with respect to that offering. If there is any inconsistency between the information in this prospectus and the applicable prospectus supplement, you should rely on the prospectus supplement.

Unless the context otherwise requires, all references to the terms “we,” “us,” “our,” and the “company” throughout this prospectus supplement mean Taronis Technologies, Inc. and its subsidiaries.

All references in this prospectus to our financial statements include, unless the context indicates otherwise, the related notes.

The industry and market data and other statistical information contained in the documents we incorporate by reference are based on management’s own estimates, independent publications, government publications, reports by market research firms or other published independent sources, and, in each case, are believed by management to be reasonable estimates. Although we believe these sources are reliable, we have not independently verified the information.

The information contained in this prospectus or any accompanying prospectus supplement is accurate only as of the date of this prospectus or the accompanying prospectus supplement, respectively regardless of the time of delivery of this prospectus or the accompanying prospectus supplement or of any sale of the securities. We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference in this prospectus or the accompanying prospectus supplement were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

OUR COMPANY

Overview

We are a technology-based company that is focused on addressing the global constraints on natural resources, including fuel and water. Our two core technology applications – renewable fuel gasification and water decontamination/sterilization - are derived from our patented and proprietary Plasma Arc Flow System. The Plasma Arc Flow System works by generating a combination of electric current, heat, ultraviolet light and ozone, that affects the feedstock run through the system to create a chosen outcome, depending on whether the system is in “gasification mode” or “sterilization mode”.

Gasification Mode

When the Plasma Arc Flow System is in “gasification mode” and the appropriate feedstock is passed through the system in a closed loop with constant recirculation (to achieve the maximum possible gasification rates), it creates a renewable, hydrogen-based synthetic fuel we call “MagneGas”. We sell MagneGas as a metal cutting fuel as an alternative product to acetylene, which is the mostly commonly used metal fuel globally, but also happens to be a non-renewable fossil fuel-based metal cutting fuel. Alternatively, MagneGas is a cleaner, renewable fuel alternative that creates a flame up to 85% hotter than acetylene and cuts metal up to 38% faster than acetylene, while maintaining a comparable price.

Sterilization Mode

When the Plasma Arc Flow System is in “sterilization mode” the system may process any number of liquified waste streams. In most cases we pass the selected waste stream through the system a limited number of times to achieve the maximum sterilization/decontamination effect on the waste stream. Sterilization mode also produces modest amounts of gas as a byproduct. Our proprietary combination of electric current, heat, ultraviolet light and ozone has shown an ability to eliminate up to 99.9% of EPA and USDA regulated pathogens such as e-coli and fecal coliform. We also believe our technology also has the capability to eliminate cyanobacteria commonly referred to as “blue-green algae” and are currently conducting tests to verify that capability.

During 2017 and 2018, as part of our retail growth strategy, we acquired a number of businesses with large customer bases through which we now offer our proprietary MagneGas product in addition to other gases and welding supplies. The majority of our retail locations are in Texas and California, which we believe are the two top markets for consumption of metal cutting fuels and related supplies. We also have locations in Florida and Louisiana. We also market, for sale and licensure, our proprietary plasma arc technology for gasification and the processing of liquid waste and have developed a global network of brokers to sell the Plasma Arc Flow System.

Core Technology

Our patented system enables fluid to efficiently pass through a submerged plasma arc.

To create synthetic fuel, the fluid must contain hydrogen and oxygen – carbon supply can be facilitated by the electrodes.

As the fluid passes through the arc, hydrogen, carbon and oxygen molecules are liberated and gasified.

A wide range of feedstocks can produce different gases, with differing flame and heating properties

Typically, our fuels are 40-60% ionized hydrogen and 30-40% other synthetic hydrocarbon and carbon compounds.

To decontaminate or sterilize waste streams, such as contaminated water or biomass waste, the “feed stock” must be in liquid form.

Our Products

We have two proprietary products that we market and sell, which are derived from our core technology. The first is our clean, renewable alternative cutting fuel called “MagneGas”, which is sold at our various locations to retail end users as an alternative product to acetylene. The second is our Plasma Arc Flow System, which is marketed for sale and licensure to commercial operators who desire to utilize our technology for gas production (under strict license) or water decontamination and sterilization.

MagneGas Cutting Fuel

We currently produce MagneGas, which is comprised primarily of hydrogen and created through a patented protected process. The fuel can be used as an alternative to acetylene and other natural gas derived fuels for metal cutting and other commercial uses. After production, the fuel is stored in hydrogen cylinders which are then sold to market on a rotating basis. Independent analyses performed by the City College of New York and Edison Welding Institute have verified that MagneGas cuts metal at a significantly higher temperature and faster than acetylene, which is the most commonly used fuel in metal cutting. The use of MagneGas is nearly identical to acetylene (it merely requires a different welding tip and a regulator) making it easy for end-users to adopt our product with limited training.

Over the last several years we have acquired and maintain a retail distribution network, which allows us to sell and transport MagneGas to customers in various metalworking industries. Since 2017, we have doubled the range we are able to distribute MagneGas and are now able to more efficiently address markets within a 500-mile radius of our production hubs in Florida and Texas. Within the next two years we plan to create two production hubs in California to serve the western United States. Finally, we have and intend to continue to acquire complementary gas and welding supply distribution businesses in order to expand the distribution and use of MagneGas, other industrial gases and related equipment. We have sold to over 30,000 customers in the public and private sectors.

Plasma Arc Flow System

We use our Plasma Arc Flow System to make MagneGas, but it has the ability to gasify many forms of liquids and liquid waste such as used vegetable, soybean or motor oils, certain types of liquified biomass, ethylene glycol and can be used to sterilize bio-contaminants in waste and decontaminate water.

The Plasma Arc Flow System forces a high-volume flow of liquid waste through a submerged plasma arc existing between carbon electrodes, a process which sterilizes the bio-contaminants within the waste without requiring any chemical disinfecting agents. The Plasma Arc Flow System also releases a clean burning fuel as a byproduct of the decontamination and sterilization process, which can be used to offset some energy consumption. Because our Plasma Arc Flow Systems are available in various sizes from 50kW to 500kW, they are applicable to a broad array of end-users, including: (i) large consumers of cutting fuels (construction companies, shipbuilders, heavy industry) who desire a safer, renewable, and efficient alternative to acetylene, propane (ii) producers of contaminated waste streams (commercial manufacturers, farming operations, chemical producers, etc.) who either desire to or are mandated by law to treat agricultural, pharmaceutical, industrial or manufacturing waste streams prior to release into the ecosystem and (iii) local, state or federal governments, desirous of decontaminating water sources or reclaiming waste water that is otherwise unusable.

Corporate Information

Taronis Technologies, Inc. was organized as 4307 INC. under the laws of the State of Delaware on December 9, 2005. Our corporate headquarters are located at 11885 44th Street North, Clearwater, Florida 33762 and our telephone number is (727) 934-3448.

Reports to Security Holders

We file Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, registration statements and other items pursuant to the Securities Exchange Act of 1934, as amended (the "Exchange Act") with the Securities and Exchange Commission ("SEC"). The SEC maintains an internet site (www.sec.gov) that contains reports, proxy and information statements regarding issuers that file electronically with the SEC.

RISK FACTORS

An investment in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should carefully consider the risks discussed under the Section captioned “Risk Factors” contained in our most recent Annual Report on Form 10-K and in our most recent Quarterly Reports on Form 10-Q filed with the Securities and Exchange Commission subsequent to the Form 10-K, and in other documents that we subsequently file with the Securities and Exchange Commission, all of which are incorporated by reference in this prospectus and the accompanying prospectus supplement(s) in their entirety, together with other information in this prospectus, the accompanying prospectus supplement(s), the information and documents incorporated by reference herein and therein, and in any free writing prospectus that we have authorized for use in connection with this offering. If any of these risks actually occurs, our business, financial condition, results of operations or cash flow could be seriously harmed. This could cause the trading price of our Common Stock to decline, resulting in a loss of all or part of your investment.

Cautionary Note Regarding Forward-Looking Statements

This prospectus (including any documents incorporated by reference herein) contains statements with respect to us which constitute “forward-looking statements” within the meaning of Section 27A of the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, and are intended to be covered by the “safe harbor” created by those sections. Forward-looking statements, which are based on certain assumptions and reflect our plans, estimates and beliefs, can generally be identified by the use of forward-looking terms such as “believes,” “expects,” “may,” “will,” “should,” “could,” “seek,” “intends,” “plans,” “estimates,” “anticipates” or other comparable terms. These forward-looking statements include, but are not limited to, statements concerning future events, our future financial performance, business strategy and plans and objectives of management for future operations. Our actual results could differ materially from those discussed in the forward-looking statements. Factors that could cause or contribute to these differences include those discussed in “Risk Factors” in this prospectus supplement and the documents incorporated by reference herein.

We caution readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date they are made. We disclaim any obligation, except as specifically required by law and the rules of the SEC, to publicly update or revise any such statements to reflect any change in company expectations or in events, conditions or circumstances on which any such statements may be based, or that may affect the likelihood that actual results will differ from those set forth in the forward-looking statements.

You should read this prospectus, the accompanying prospectus supplement(s), and the documents that we incorporate by reference herein and therein and have filed as exhibits to the registration statement of which this prospectus is part, completely and with the understanding that our actual future results may be materially different from what we expect. You should assume that the information appearing in this prospectus is accurate as of the date on the cover of this prospectus only. Our business, financial condition, results of operations and prospects may change. We may not update these forward-looking statements, even though our situation may change in the future, unless we have obligations under the federal securities laws to update and disclose material developments related to previously disclosed information. We qualify all of the information presented in this prospectus, and particularly our forward-looking statements, by these cautionary statements.

USE OF PROCEEDS

Unless otherwise indicated in a prospectus supplement accompanying this prospectus, we intend to use the net proceeds from this offering to continue our acquisition strategy and for working capital and general corporate purposes. Such purposes may include research and development expenditures and capital expenditures. As of the date of this prospectus, we cannot specify with certainty all of the particular uses of the proceeds from this offering. We will set forth in the applicable prospectus supplement our intended use for the net proceeds received from the sale of

the related securities. Accordingly, we will retain broad discretion over the use of such proceeds. Pending use of the net proceeds, we may invest the net proceeds in interest-bearing, investment-grade securities.

DESCRIPTION OF SECURITIES WE ARE OFFERING

General

Our amended certificate of incorporation authorizes 190,000,000 shares of common stock, \$0.001 par value per share, and 10,000,000 shares of preferred stock, \$0.001 par value per share. As of April 12, 2019, there were 24,287,188 shares of our common stock outstanding and no shares of preferred stock outstanding.

Common Stock

Holders of our Common Stock are entitled to one vote for each share on all matters submitted to a stockholder vote. Our Common Stock does not have cumulative voting rights. Holders of our Common Stock representing a majority of the voting power of our capital stock issued and outstanding and entitled to vote, represented in person or by proxy, are necessary to constitute a quorum at any meeting of our stockholders. A vote by the holders of a majority of our outstanding shares is required to effectuate certain fundamental corporate changes such as liquidation, merger or an amendment to our certificate of incorporation. Although there are no provisions in our charter or by-laws that may delay, defer or prevent a change in control, the board of directors is authorized, without stockholder approval, to issue shares of preferred stock that may contain rights or restrictions that could have this effect. Holders of Common Stock are entitled to share in all dividends that the board of directors, in its discretion, declares from legally available funds. In the event of liquidation, dissolution or winding up, each outstanding share entitles its holder to participate pro rata in all assets that remain after payment of liabilities and after providing for each class of stock, if any, having preference over the common stock. Holders of our Common Stock have no pre-emptive rights, no conversion rights and there are no redemption provisions applicable to our Common Stock.

All of our outstanding shares of Common Stock are, and the shares of Common Stock to be issued in this offering will be, fully paid and nonassessable.

Preferred Stock

Our certificate of incorporation provides that we are authorized to issue up to 10,000,000 shares of preferred stock with a par value of \$0.001 per share. Our board of directors has the authority, without further action by the stockholders, to issue from time to time the preferred stock in one or more series for such consideration and with such relative rights, privileges, preferences and restrictions that the board may determine. The preferences, powers, rights and restrictions of different series of preferred stock may differ with respect to dividend rates, amounts payable on liquidation, voting rights, conversion rights, redemption provisions, sinking fund provisions and purchase funds and other matters. Each series of preferred stock is to be issued under our certificate of incorporation and a certificate of designation to be approved by the board of directors of the Company or a committee thereof and filed with the Secretary of State of the State of Delaware in accordance with the General Corporation Law of the State of Delaware, including statutory and reported decisional law thereunder. The issuance of preferred stock could adversely affect the voting power or other rights of the holders of common stock.

Election of Directors

The holders of shares of common stock, shall appoint the members of our board of directors. Each share of common stock is entitled to one vote.

Options and Warrants

Options

Options outstanding as of December 31, 2018 and 2017 consisted of the following:

Options Outstanding	Weighted Average Exercise	Weighted Average Remaining	Intrinsic Value
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		Price	Life in Years	
December 31, 2016	1,625	1,870.80	1.23	272
Granted	-			
Exercised	-			
Forfeited	-			
Expired	(858) 694.60		
December 31, 2017	767	3,186.80	1.58	-
Granted	11,250	18.57	10.00	-
Exercised	-			
Forfeited	-			
Expired	(464) 3,393.23	-	-
December 31, 2018	11,553	93.89	8.84	-

Exercisable at December 31, 2018 9,012

As of December 31, 2018, the fair value of non-vested options totaled \$46,700 which will be amortized to expense until December 31, 2019.

The fair value of each employee option grant is estimated on the date of the grant using the Black-Scholes option-pricing model. Key weighted-average assumptions used to apply this pricing model during the year ended 2018 were as follows:

Risk free interest rate	2.84	%
Expected term	10	years
Volatility	183	%
Dividends	\$0	

On July 12, 2017, the Board of Directors submitted the following actions to the Majority Stockholder for ratification and approval by consent in lieu of meeting, and the Majority Stockholder has ratified and approved the following actions: approving the Company's Amended and Restated 2014 Equity Incentive Award Plan (the "New Plan"), for the principal purpose of increasing the number of shares that may be issued or transferred pursuant to awards under the New Plan. As of December 31, 2018, and 2017, there are 11,553 and 767 shares to be issued upon exercise of outstanding options and 3,827,083 shares remaining available for future issuance under equity compensation plans.

Common Stock Warrants

Warrants outstanding as of December 31, 2018 and 2017 consisted of the following:

	Warrants Outstanding	Weighted Average Exercise Price	Weighted Average Remaining Life in Years
December 31, 2016	7,664	2,730.00	5.80
Granted	11,111	9,112.60	5.00
Exercised	(265)	300.00	
Forfeited/Exchanged	-	-	
Expired	(7,400)	2,730.00	
December 31, 2017	11,111	9,112.60	4.45
Granted	2,329,167	6.60	2.17
Exercised	(3,750)	0.20	
Expired	-		
December 31, 2018	2,336,528	49.92	1.90
Exercisable at December 31, 2018	2,336,528		

During the year ended December 31, 2018 and 2017 the Company exercised 3,750 and 265 shares of warrants with cash proceeds of \$750 and \$7,937.

At December 31, 2018 and 2017, the total intrinsic value of warrants outstanding and exercisable was \$0 and \$0, respectively.

In connection with the October SPA, the Company agreed to grant the investors one common stock purchase warrant for every share of common stock purchased under the October SPA at an exercise price of \$7.31 per share. 1,090,000 common stock warrants were issued, expiring on April 14, 2022. The exercise price was subsequently adjusted to \$4.64.

In connection with the August SPA, the Company agreed to grant the investor(s) one common stock purchase warrant for every share of common stock purchased under the SPA at an exercise price of \$6.00 per share. 1,235,417 common stock warrants were issued, expiring on August 31, 2019.

During the first quarter of 2018, the Company issued 3,750 shares of common stock for the exercise of warrants with cash proceeds of \$750. The fair value of the common stock warrants was \$316,501, of which \$302,589 was recognized as stock-based compensation for the year ended December 31, 2018.

Maxim Group, LLC (“Maxim”) acted as the exclusive placement agent for the Series C preferred stock transaction. The Company agreed to pay Maxim a cash fee payable upon each closing equal to 6.0% of the gross proceeds (\$4,050 in cash fees and a legal expense reimbursement of \$5,000) received by the Company at each Closing (the “Placement Fee”). Such fees were recognized as stock issuance costs. Additionally, the Company granted to Maxim (or its designated affiliates) warrants to purchase up to 11,111 shares common stock (the “Placement Agent Warrants”). The Placement Agent Warrants expire five (5) years after the Closing. The Placement Agent Warrants are exercisable at a price per share equal to \$990, are not be redeemable and are exercisable for 5 years. The Placement Agent Warrants may be exercised in whole or in part and provide for a “cashless” exercise, except in the event the shares of common stock issuable upon exercise of the Placement Agent Warrants are registered for resale, in which case they provide for a “cash” exercise only. The Placement Agent Warrants were recorded at fair value as stock issuance costs. Although the Placement Agent Warrants contain certain change in control provisions that are potentially settleable in cash, such settlement is at the Company’s discretion.

Dividends

Since inception we have not paid any dividends on our common stock. We currently do not anticipate paying any cash dividends in the foreseeable future on our common stock. Although we intend to retain our earnings, if any, to finance the exploration and growth of our business, our board of directors will have the discretion to declare and pay dividends in the future. Payment of dividends in the future will depend upon our earnings, capital requirements, and other factors, which our board of directors may deem relevant.

Anti-Takeover Effects of Provisions of the Delaware General Corporation Law and our Certificate of Incorporation and Bylaws

Provisions of the Delaware General Corporation Law (the “DGCL”) and our certificate of incorporation and bylaws could make it more difficult to acquire us by means of a tender offer, a proxy contest or otherwise, or to remove incumbent officers and directors. These provisions, summarized below, are expected to discourage certain types of coercive takeover practices and takeover bids that our board of directors may consider inadequate and to encourage persons seeking to acquire control of us to first negotiate with our board of directors. We believe that the benefits of increased protection of our ability to negotiate with the proponent of an unfriendly or unsolicited proposal to acquire or restructure us outweigh the disadvantages of discouraging takeover or acquisition proposals because, among other things, negotiation of these proposals could result in improved terms for our stockholders.

Delaware Anti-Takeover Statute. We are subject to Section 203 of the DGCL. Subject to certain exceptions, Section 203 prohibits a publicly held Delaware corporation from engaging in a “business combination” with an “interested stockholder” for three years following the date the person became an interested stockholder, unless the interested stockholder attained such status with the approval of our board of directors or unless the business combination is

approved in a prescribed manner.

Section 203 of the DGCL generally defines a “business combination” to include, among other things, any merger or consolidation involving us and the interested stockholder and the sale of more than 10% of our assets.

In general, an “interested stockholder” is any entity or person beneficially owning 15% or more of our voting stock or any entity or person associated or affiliated with or controlling or controlled by such entity or person. The restrictions contained in Section 203 are not applicable to any of our existing stockholders that owned 15% or more of our outstanding voting stock upon the closing of our initial public offering.

Amendments to Our Certificate of Incorporation. Under the DGCL, the affirmative vote of a majority of the outstanding shares entitled to vote thereon and a majority of the outstanding stock of each class entitled to vote thereon is required to amend a corporation’s certificate of incorporation. Under the DGCL, the holders of the outstanding shares of a class of our capital stock shall be entitled to vote as a class upon a proposed amendment, whether or not entitled to vote thereon by the certificate of incorporation, if the amendment would:

increase or decrease the aggregate number of authorized shares of such class;
increase or decrease the par value of the shares of such class; or
alter or change the powers, preferences or special rights of the shares of such class so as to affect them adversely.

If any proposed amendment would alter or change the powers, preferences or special rights of one or more series of any class of our capital stock so as to affect them adversely, but shall not so affect the entire class, then only the shares of the series so affected by the amendment shall be considered a separate class for the purposes of this provision.

Vacancies in the board of directors. Our bylaws provide that, subject to limitations, any vacancy occurring in our board of directors for any reason may be filled by a majority of the remaining members of our board of directors then in office, even if such majority is less than a quorum. Each director so elected shall hold office until the expiration of the term of the other directors. Each such directors shall hold office until his or her successor is elected and qualified, or until the earlier of his or her death, resignation or removal.

Special Meetings of Stockholders. Under our bylaws, special meetings of stockholders may be called at any time by our President whenever so directed in writing by a majority of the entire board of directors. Special meetings can also be called whenever one-third of the number of shares of our capital stock entitled to vote at such meeting shall, in writing, request one. Under the DGCL, written notice of any special meeting must be given not less than 10 nor more than 60 days before the date of the special meeting to each stockholder entitled to vote at such meeting.

No Cumulative Voting. The DGCL provides that stockholders are denied the right to cumulate votes in the election of directors unless our certificate of incorporation provides otherwise. Our amended and restated certificate of incorporation does not provide for cumulative voting.

The NASDAQ Capital Market Listing

Our common stock is listed on the NASDAQ Capital Market under the symbol “TRNX.”

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Corporate Stock Transfer, Inc. The transfer agent’s address is 3200 Cherry Creek South Drive, Suite 430, Denver, CO 80209, and its telephone number is (303) 282-4800.

DESCRIPTION OF WARRANTS

General

We may issue warrants to purchase shares of our common stock and preferred stock in one or more series together with other securities or separately, as described in the applicable prospectus supplement. Below is a description of certain general terms and provisions of the warrants that we may offer. Particular terms of the warrants will be described in the warrant agreements to be entered into by the Company, a warrant agent to be named by the Company, and the holders from time to time of the warrants and the prospectus supplement relating to the warrants. Copies of the form agreement for each warrant and the warrant certificate, if any, reflecting the provisions to be included in such agreements that will be entered into with respect to a particular offering of each type of warrant, will be filed with the SEC and incorporated by reference as exhibits to the registration statement of which this prospectus is a part. You should read the applicable warrant agreement for additional information before you purchase any of our warrants.

The prospectus supplement relating to any warrants we offer will describe the specific terms relating to the offering. These terms may include some or all of the following:

the specific designation and aggregate number of, and the price at which we will issue, the warrants;

the currency or currency units in which the offering price, if any, and the exercise price are payable;

the designation, amount and terms of the securities purchasable upon exercise of the warrants;

if applicable, the exercise price for shares of our common stock and the number of shares of common stock to be received upon exercise of the warrants;

if applicable, the exercise price for shares of our preferred stock, the number of shares of preferred stock to be received upon exercise, and a description of that series of our preferred stock;

the date on which the right to exercise the warrants will begin and the date on which that right will expire or, if you may not continuously exercise the warrants throughout that period, the specific date or dates on which you may exercise the warrants;

whether the warrants will be issued in fully registered form or bearer form, in definitive or global form or in any combination of these forms, although, in any case, the form of a warrant included in a unit will correspond to the form of the unit and of any security included in that unit;

any applicable material U.S. federal income tax consequences;

the identity of the warrant agent for the warrants and of any other depositaries, execution or paying agents, transfer agents, registrars or other agents;

the proposed listing, if any, of the warrants or any securities purchasable upon exercise of the warrants on any securities exchange;

if applicable, the date from and after which the warrants and the common stock and preferred stock will be separately transferable;

if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;

the procedures and conditions relating to the exercise of the warrants;

information with respect to book-entry procedures, if any;

the triggering event and the terms upon which the exercise price and the number of underlying securities that the warrants are exercisable into may be adjusted;

the anti-dilution provisions of the warrants, if any;

any redemption or call provisions;

whether the warrants may be sold separately or with other securities as parts of units; and

any additional terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

Until the warrants are exercised, holders of the warrants will not have any rights of holders of the underlying securities.

DESCRIPTION OF RIGHTS

We may issue rights to our stockholders to purchase shares of our common stock or preferred stock described in this prospectus. We may offer rights separately or together with one or more additional rights, preferred stock, common stock, warrants or any combination of those securities in the form of units, as described in the applicable prospectus supplement. Each series of rights will be issued under a separate rights agreement to be entered into between us and a bank or trust company, as rights agent. The rights agent for any rights we offer will be set forth in the applicable prospectus supplement. The rights agent will act solely as our agent in connection with the certificates relating to the rights of the series of certificates and will not assume any obligation or relationship of agency or trust for or with any holders of rights certificates or beneficial owners of rights. The following description sets forth certain general terms and provisions of the rights to which any prospectus supplement may relate. The particular terms of the rights to which any prospectus supplement may relate and the extent, if any, to which the general provisions may apply to the rights so offered will be described in the applicable prospectus supplement. To the extent that any particular terms of the rights, rights agreement or rights certificates described in a prospectus supplement differ from any of the terms described below, then the terms described below will be deemed to have been superseded by that prospectus supplement. We encourage you to read the applicable rights agreement and rights certificate for additional information before you decide whether to purchase any of our rights.

The prospectus supplement relating to any rights that we offer will include specific terms relating to the offering, including, among other matters:

the date of determining the stockholders entitled to the rights distribution;

the aggregate number of shares of common stock, preferred stock or other securities purchasable upon exercise of the rights;

the exercise price;

the aggregate number of rights issued;

whether the rights are transferrable and the date, if any, on and after which the rights may be separately transferred;

the date on which the right to exercise the rights will commence, and the date on which the right to exercise the rights will expire;

the method by which holders of rights will be entitled to exercise;

the conditions to the completion of the offering;

the withdrawal, termination and cancellation rights;

whether there are any backstop or standby purchaser or purchasers and the terms of their commitment;

whether stockholders are entitled to oversubscription right;

any U.S. federal income tax considerations; and

any other terms of the rights, including terms, procedures and limitations relating to the distribution, exchange and exercise of the rights.

If less than all of the rights issued in any rights offering are exercised, we may offer any unsubscribed securities directly to persons other than stockholders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby arrangements, as described in the applicable prospectus supplement. In connection with any rights offering, we may enter into a standby underwriting or other arrangement with one or more underwriters or other persons pursuant to which such underwriters or other persons would purchase any offered securities remaining unsubscribed for after such rights offering.

DESCRIPTION OF UNITS

We may, from time to time, issue units comprised of one or more of the other securities described in this prospectus in any combination. A prospectus supplement will describe the specific terms of the units offered under that prospectus supplement, and any special considerations, including tax considerations, applicable to investing in those units. You must look at the applicable prospectus supplement and any applicable unit agreement for a full understanding of the specific terms of any units. We will incorporate by reference into the registration statement of which this prospectus is a part the form of unit agreement, including a form of unit certificate, if any, that describes the terms of the series of units we are offering before the issuance of the related series of units. While the terms we have summarized below will generally apply to any future units that we may offer under this prospectus, we will describe the particular terms of any series of units that we may offer in more detail in the applicable prospectus supplement and incorporated documents. The terms of any units offered under a prospectus supplement may differ from the terms described below.

General

We may issue units consisting of common stock, preferred stock, rights, warrants or any combination thereof. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement to be entered into by the Company and the unit agent named therein under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time, or at any time before a specified date.

We will describe in the applicable prospectus supplement and any incorporated documents the terms of the series of units, including the following:

the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;

any provisions of the governing unit agreement that differ from those described below; and

any provisions for the issuance, payment, settlement, transfer, or exchange of the units or of the securities comprising the units.

The provisions described in this section, as well as those described under “Description of Securities We Are Offering – Common Stock,” “Description of Securities We Are Offering – Preferred Stock,” “Description of Rights,” and “Description of Warrants” will apply to each unit and to any common stock, preferred stock, warrant or right included in each unit, respectively.

Issuance in Series

We may issue units in such amounts and in such numerous distinct series as we determine.

Enforceability of Rights by Holders of Units

Each unit agent will act solely as our agent under the applicable unit agreement and will not assume any obligation or relationship of agency or trust with any holder of any unit. A single bank or trust company may act as unit agent for

more than one series of units. A unit agent will have no duty or responsibility in case of any default by us under the applicable unit agreement or unit, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a unit, without the consent of the related unit agent or the holder of any other unit, may enforce by appropriate legal action its rights as holder under any security included in the unit.

Title

We, the unit agent, and any of their agents may treat the registered holder of any unit certificate as an absolute owner of the units evidenced by that certificate for any purposes and as the person entitled to exercise the rights attaching to the units so requested, despite any notice to the contrary.

PLAN OF DISTRIBUTION

We may sell the securities described in this prospectus from time to time pursuant to underwritten public offerings, negotiated transactions, block trades or a combination of these methods. We may sell the securities separately or together:

- directly to investors, including through a specific bidding, auction, or other process;
- to investors through agents;
- directly to agents;
- to or through brokers or dealers;
- to the public through underwriting syndicates led by one or more managing underwriters;
- in privately negotiated transactions;
- directly to agents;
- to one or more underwriters acting alone for resale to investors or to the public;
- in a registered direct offering; or
- through a combination of any such methods of sale.

Our common stock or preferred stock may be issued upon conversion of convertible preferred. Securities may also be issued upon exercise of warrants or rights and division of units and we reserve the right to sell securities directly to investors on their own behalf in those jurisdictions where they are authorized to do so.

If we sell securities to a dealer acting as principal, the dealer may resell such securities at varying prices to be determined by such dealer in its discretion at the time of resale without consulting with us and such resale prices may not be disclosed in the applicable prospectus supplement.

Any underwritten offering may be on a best efforts or a firm commitment basis. We may also offer securities through subscription rights distributed to our stockholders on a pro rata basis, which may or may not be transferable. In any distribution of subscription rights to stockholders, if all of the underlying securities are not subscribed for, we may then sell the unsubscribed securities directly to third parties or may engage the services of one or more underwriters, dealers or agents, including standby underwriters, to sell the unsubscribed securities to third parties.

We may distribute the securities from time to time in one or more transactions:

- at a fixed price or prices, which may be changed;

at market prices prevailing at the time of sale;
at prices related to such prevailing market prices;
at varying prices determined at the time of sale; or
at negotiated prices.

Any of the prices may represent a discount from the then prevailing market prices.

We may determine the price or other terms of the securities offered under this prospectus by use of an electronic auction. We will describe in the applicable prospectus supplement how any auction will be conducted to determine the price or any other terms of the securities, how potential investors may participate in the auction and, where applicable, the nature of the underwriters' obligations with respect to the auction.

We may solicit directly offers to purchase the securities being offered by this prospectus. We may also designate agents to solicit offers to purchase the securities from time to time. We will name in a prospectus supplement any agent involved in the offer or sale of the securities.

If we utilize an underwriter in the sale of the securities being offered by this prospectus, we will execute an underwriting agreement with the underwriter at the time of sale and we will provide the name of any underwriter in the prospectus supplement that the underwriter will use to make resales of the securities to the public. Any underwritten offering may be on a best efforts or firm commitment basis. In connection with the sale of the securities, we or the purchasers of the securities for whom the underwriter may act as agent may compensate the underwriter in the form of underwriting discounts or commissions. The underwriter may sell the securities to or through dealers, and the underwriter may compensate those dealers in the form of discounts, concessions or commissions.

We, our underwriters, dealers or agents may facilitate the marketing of an offering online directly or through one of their affiliates. In those cases, prospective investors may view offering terms and a prospectus online and, depending upon the particular underwriter, dealer or agent, place orders online or through their financial advisors.

We will provide in the applicable prospectus supplement (i) the identity of any underwriter, dealer or agent, (ii) any compensation we will pay to underwriters, dealers or agents in connection with the offering of the securities, (iii) any discounts, concessions or commissions allowed by underwriters to participating dealers, (iv) the amounts underwritten; and (v) the nature of the underwriter's or underwriters' obligation to take the securities. Underwriters, dealers and agents participating in the distribution of the securities may be deemed to be underwriters within the meaning of the Securities Act, and any discounts and commissions received by them and any profit realized by them on resale of the securities may be deemed to be underwriting discounts and commissions. We may enter into agreements to indemnify underwriters, dealers and agents against civil liabilities, including liabilities under the Securities Act, or to contribute to payments they may be required to make in respect thereof.

Unless otherwise specified in the related prospectus supplement, each series of securities will be a new issue with no established trading market, other than shares of common stock, which are listed on the NASDAQ Capital Market, subject to official notice of issue. Any common stock sold pursuant to a prospectus supplement will be eligible for listing and trading on the NASDAQ Capital Market. We may elect to list any series of preferred stock, warrants, rights, debt securities, or units on an exchange, but we are not obligated to do so. It is possible that one or more underwriters may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. No assurance can be given as to the liquidity of, or the trading market for, any offered securities.

To facilitate the offering of securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include over-allotments or short sales of the securities, which involve the sale by persons participating in the offering of more securities than we sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing the securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if the securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

We do not make any representation or prediction as to the direction or magnitude of any effect that the transactions described above might have on the price of the securities. In addition, we do not make any representation that underwriters will engage in such transactions or that such transactions, once commenced, will not be discontinued without notice.

We may authorize underwriters, dealers or agents to solicit offers by certain purchasers to purchase the securities at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. The contracts will be subject only to those conditions set forth in the prospectus supplement, and the prospectus supplement will set forth any commissions we pay for solicitation of

these contracts.

We may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the parties may sell securities covered by this prospectus and the applicable prospectus supplement, including short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. If the third party is or may be deemed to be an underwriter under the Securities Act, it will be identified in the applicable prospectus supplement. In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

To comply with applicable state securities laws, the securities offered by this prospectus will be sold, if necessary, in such jurisdictions only through registered or licensed brokers or dealers. In addition, securities may not be sold in some states unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

The underwriters, dealers and agents may engage in transactions with us, or perform services for us, in the ordinary course of business.

LEGAL MATTERS

Covington and Burling LLP and/or our General Counsel will pass upon certain legal matters relating to the issuance and sale of the securities offered hereby on behalf of Taronis Technologies. Additional legal matters may be passed upon for us or any underwriters, dealers or agents, by counsel that we will name in the applicable prospectus supplement.

EXPERTS

Marcum LLP, independent registered public accounting firm, has audited our financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2018, as set forth in their report (which contains an explanatory paragraph relating to our ability to continue as a going concern as described in the notes to the consolidated financial statements) which is incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements are incorporated by reference in reliance on Marcum LLP's report, given on their authority as experts in accounting and auditing.

Where You Can Find More Information

This prospectus supplement is part of a registration statement on that we filed with the SEC under the Securities Act of 1933, as amended, and does not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus supplement to any of our contracts, agreements or other documents, the reference may not be complete, and you should refer to the exhibits that are a part of the registration statement of which this prospectus supplement is a part, or the exhibits to the reports or other documents incorporated by reference in this prospectus supplement for a copy of such contract, agreement or other document.

Because we are subject to the information and reporting requirements of the Securities Exchange Act of 1934, as amended, we file annual, quarterly and special reports, and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's website at <http://www.sec.gov>.

The website addresses referenced herein are not intended to function as hyperlinks, and the information contained in our website and in the SEC's website is not incorporated by reference into this prospectus supplement and should not be considered to be part of this prospectus supplement.

INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to incorporate by reference into this prospectus supplement the information contained in other documents we file with the SEC, which means that we can disclose important information to you by referring you to those documents. Any statement contained in any document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded, for purposes of this prospectus supplement, to the extent that a statement contained in or omitted from this prospectus supplement, or in any other subsequently filed document that also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement. This prospectus supplement incorporates by reference our documents listed below and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act until all of the securities are sold:

Our Annual Report on Form 10-K for the year ended December 31, 2018, filed with the SEC on April 12, 2019.

Our Current Reports on Form 8-K and Form 8-K/A, filed with the SEC on January 11, 2019 (two on this date), January 15, 2019, January 18, 2019, January 24, 2019, January 28, 2019, January 31, 2019, February 4, 2019, February 5, 2019, February 7, 2019, February 8, 2019, February 11, 2019, February 13, 2019, February 19, 2019 (two on this date), February 28, 2019 and March 8, 2019.

The description of our common stock contained in our registration statement on Form 8-A filed with the SEC on August 14, 2012, under Section 12(b) of the Exchange Act, including any amendments or reports filed for the purpose of updating such description.

Notwithstanding the foregoing, we are not incorporating any document or portion thereof or information deemed to have been furnished and not filed in accordance with SEC rules.

You may request a free copy of the above-mentioned filings or any subsequent filings we incorporate by reference to this prospectus supplement by writing or telephoning us at the following address: Taronis Technologies, Inc., 11885 44th Street North, Clearwater, FL 33762, (727) 934-3448.

1,086,957 Shares of Common Stock

PROSPECTUS SUPPLEMENT

May 3, 2019

