

## **Trenchant Technologies Capital Corp. signs letter agreement to Acquire Limitless Quantum, Advancing Quantum-Resistant Blockchain Technology**

VANCOUVER, BC – January 23, 2025 – Trenchant Technologies Capital Corp. (CSE: AITT; OTCQB: AITTF; “Trenchant” or “the Company”), announces that it has entered into a non-binding letter of intent (the “Letter Agreement”) to acquire B.C. Canada based Limitless Quantum Computing Solutions Inc. (“Limitless Quantum”). Limitless Quantum is a British Columbia based company developing a quantum-resistant blockchain platform.

### **Redefining Blockchain Security and Scalability**

Limitless Quantum has developed a blockchain platform that combines Bitcoin’s foundation with Ethereum Virtual Machine (EVM) compatibility, offering native zero-knowledge rollups for enhanced privacy and scalability. Built with post-quantum cryptography at its core, Limitless Quantum addresses the growing need for solutions that protect against the anticipated challenges posed by quantum computing advancements.

Quantum computing poses a catastrophic threat to current digital security. Its immense computational power has the potential to shatter traditional cryptographic algorithms like ECDSA, which are the foundation of Bitcoin’s security. If quantum computers can break these systems, the entire cryptocurrency market currently valued at over \$3.5 trillion, is at risk, as the security and trust that underpin blockchain technology could be obliterated. As detailed in recent studies, including the NIST Post-Quantum Cryptography Standardization project, quantum algorithms such as Shor’s have the potential to undermine the cryptographic foundations of blockchain systems like Bitcoin, highlighting the urgent need for quantum-resistant solutions.

Limitless Quantum is taking steps to address this existential threat by integrating Falcon-512, a cutting-edge quantum-resistant signature system, to ensure Bitcoin’s security in a quantum future. This quantum-resistant system is designed to maintain compatibility with Bitcoin’s Proof of Work (PoW), the critical mechanism that secures the network. As quantum computing advances, Limitless Quantum plans to integrate Falcon-512 into the software that powers blockchain nodes (the backbone of the network) and update wallet systems to support quantum-resistant keys, helping secure user transactions in a post-quantum world.

If completed, Trenchant’s acquisition of Limitless Quantum represents a strategic investment in the future of blockchain. Together, the companies will focus on:

- **Strengthening Security:** Introducing advanced cryptographic solutions to safeguard digital infrastructure.
- **Enhancing Scalability:** Ensuring seamless, high-speed transactions without compromising integrity.
- **Prioritizing Privacy:** Leveraging zero-knowledge rollups to protect user data.

Further information on Limitless Quantum can be found at: [www.limitlessquantum.io](http://www.limitlessquantum.io)

*“The acquisition of Limitless Quantum is in line with Trenchant’s investment mandate of investment in disruptive technologies and business powered and empowered by Artificial Intelligence and Quantum Computing. This partnership is about more than technology—it’s about*

*creating a secure foundation for the digital economy in a quantum-powered world,”* said Eric Boehnke, Trenchant President and CEO.

### Acquisition Terms

The Company and the shareholders of Limitless Quantum have agreed that Trenchant will, subject to completion of due diligence and the settlement of a definitive agreement, acquire 100% of the issued shares of Limitless Quantum in consideration for the issuance by Trenchant of 10,000,000 units (the “Acquisition”). Each unit consisting of one common share (each, a “Share”) and one common share purchase warrant (each, a “Warrant”). Each Warrant will entitle the holder to acquire one additional Share of Trenchant for CDN\$0.06 (or such other price as required by the policies of the Canadian Securities Exchange) for a period of three years from the date of issue. If issued, the Shares and Warrants may be subject to certain restrictions on transfer pursuant to the requirements of applicable law or the policies of the CSE. The shareholders of Limitless Quantum have also agreed to a voluntary pooling of the Shares to be released as to 1/3 on the closing date, 1/3 on the date that is three months after the closing date and 1/3 on the date that is six months after the closing date.

Trenchant and Limitless Quantum have agreed to a ten (10) day due diligence period following the signing of the Letter Agreement (the “Due Diligence Period”) whereby the parties may elect to make the Letter Agreement a binding agreement by providing notice to the other prior to the expiration of the Due Diligence Period.

The Acquisition is subject to the completion of mutual due diligence and negotiation and settlement of a definitive share purchase agreement on or before February 28, 2025 and the receipt of all necessary regulatory approvals.

### **ABOUT TRENCHANT TECHNOLOGIES CAPITAL**

Trenchant Technologies Capital is an investment issuer focused primarily on seeking investment in companies introducing novel technologies, including Artificial Intelligence and Quantum Computing, to traditional business models that are due for disruption. Trenchant’s team undergoes a rigorous due diligence process to identify companies led by seasoned management teams that are strong candidates for acquisition or an initial public offering (IPO).

In May 2024, Trenchant Technologies Capital acquired a 20% ownership interest in GNQ Insilico from parent company My Next Health Inc. Further, Trenchant holds an option to acquire up to 40% of GNQ Insilico. [Learn more here.](#)

### **ON BEHALF OF THE BOARD TRENCHANT CAPITAL CORP.**

Per: *“Eric Boehnke”* Eric Boehnke, CEO

For further information, please contact:

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## **Forward-Looking Statements**

This news release contains certain "forward-looking statements" within the meaning of such statements under applicable securities law. Forward-looking statements are frequently characterized by words such as "anticipates", "plan", "continue", "expect", "project", "intend", "believe", "anticipate", "estimate", "may", "will", "potential", "proposed", "positioned" and other similar words, or statements that certain events or conditions "may" or "will" occur. These statements, including but not limited to the successful execution of a definitive Acquisition agreement with Limitless and the subsequent closing of this Acquisition, Limitless' ability to advance its technological developments towards their successful commercialization, and the necessary development of quantum computing technologies to enable Limitless' proposed business to have commercial significance in the protection of cryptography based business and assets include crypto-currencies and their trading exchanges. Various assumptions were used in drawing the conclusions or making the predictions contained in the forward-looking statements throughout this news release. Forward-looking statements are based on the opinions and estimates of management of Limitless at the date the statements are made and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. Trenchant Capital and Limitless are under no obligation, and expressly disclaims any intention or obligation, to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as expressly required by applicable law.

Neither the Canadian Securities Exchange nor its Market Regulator (as that term is defined in the policies of the Canadian Securities Exchange) accepts responsibility for the adequacy or accuracy of this news release.