

QUANTUM TECHNOLOGIES

PRESS RELEASE

Quantum Selected by the US Postal Service to Supply Zero Emission Postal Delivery Vehicle

Irvine, CA – February 1, 2010 – Quantum Fuel Systems Technologies Worldwide, Inc., (NASDAQ: QTWW) today announced that it was selected by the US Postal Service (USPS) to produce an advanced electric postal delivery vehicle based on the widely used Long Life Vehicle (LLV) platform. Quantum was competitively selected, along with 4 other companies, for participation in a 1 year demonstration and validation program to be conducted by the USPS in Washington DC. A successful demonstration in the nation's capital could pave the way to broad adoption of battery electric vehicles in the USPS fleet. Electrification of the 178,000-strong LLV segment of the postal delivery fleet, the largest civilian fleet in the country, will help to reduce emissions across the country and reduce dependence on foreign petroleum while supporting the continued development of the US EV industry. Besides the environmental benefits and fuel savings, electric postal vehicles could also serve as valuable energy storage devices for the grid, under Smart Grid technologies.

The short range mail routes with numerous stops make postal delivery vehicles an ideal application for a battery electric vehicle with regenerative braking features. Under this program, Quantum will integrate its Quantum Quiet™ high efficiency battery electric drive system, into a Grumman LLV. Quantum will supply the Quiet electric drive system that has been optimized for the specific requirements of the USPS, by incorporating a number of advanced features to maximize the efficiency of the electric drive system while operating in the typical 500-700 stops per day use of a postal delivery vehicle. The 20-25 mile usage range of the USPS vehicle is compatible with the energy storage capability of the advanced lithium battery used in Quantum's electric drive system.

"We are excited to have the opportunity to demonstrate the performance, efficiency, and reliability of Quantum's Quiet electric drive system to the US Postal Service," said Alan P. Niedzwiecki, President and CEO of Quantum. "We are glad to see the US Government continue to take a leadership role in greening our country and building a domestic EV industry."

About Quantum:

Quantum Fuel Systems Technologies Worldwide, Inc., a fully integrated alternative energy company, is a leader in the development and production of advanced propulsion systems, energy storage technologies, and alternative fuel vehicles. Quantum's portfolio of technologies includes electronic controls, hybrid electric drive systems, hydrogen storage and metering systems and alternative fuel vehicle technologies that enable fuel efficient, low emission hybrid, plug-in hybrid electric, fuel cell, and alternative fuel vehicles. Quantum's powertrain engineering, system integration, vehicle manufacturing, and assembly capabilities provide fast-to-market solutions to support the production of hybrid and plug-in hybrid, hydrogen-powered hybrid, fuel cell, natural gas, and specialty vehicles, as well as modular, transportable hydrogen refueling stations. Quantum's customer base includes automotive OEMs, dealer networks, fleets, aerospace industry, military and other government entities, and other strategic alliance partners.

INVESTOR RELATIONS:

Dale Rasmussen
Phone (206) 315-8242

Quantum Fuel Systems Technologies
Worldwide, Inc.

17872 Cartwright Road

Irvine, CA 92614

Phone (949) 399-4500

Fax (949) 399-4600

www.qtww.com

Nasdaq: QTWW

More information can be found about Quantum's products and services at www.qtww.com.

Forward Looking Statements:

This press release contains forward looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements included in this report, other than those that are historical, are forward-looking statements and can generally be identified by words such as "may," "could," "will," "should," "assume," "expect," "anticipate," "plan," "intend," "believe," "predict," "estimate," "forecast," "outlook," "potential," or "continue," or the negative of these terms, and other comparable terminology. Statements in this release regarding the USPS and Quantum's level of participation with them constitute forward looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Various risks and other factors could cause actual results to differ materially from those contemplated by the forward looking statements. Such risks and other factors include whether electric vehicles are implemented by the USPS, whether Quantum is successful in developing test vehicles, Quantum's vehicle meeting USPS requirements or Quantum winning any firm contracts issued by the USPS and, if selected and such contracts are awarded, whether Quantum can meet its obligations under such contracts. Quantum undertakes no obligation to update the information in this press release to reflect events or circumstances after the date hereof or to reflect the occurrence of anticipated or unanticipated events.

For more information regarding Quantum, please contact:

Dale Rasmussen
Investor Relations
Email: DRasmussen@qtww.com
+1-206-315-8242