



News for Immediate Release

***ELECTROVAYA EXPANDS RELATIONSHIP WITH NASA TO INCLUDE MINI AERCAM
POWER SYSTEM AND ADDITIONAL LITHIUM ION BATTERIES***

Toronto, Ontario – October 18, 2004 – Electrovaya Inc. (TSX: EFL) today announced that it has expanded its existing relationship with NASA. As part of its Return To Flight (“RTF”) program, NASA has started preliminary work on a new program to create a Miniature Autonomous Extravehicular Robotic Camera (“Mini AERCam”). This project envisages development of a small, free flying vehicle capable of performing inspection and viewing missions in support of International Space Station (“ISS”) operations. As a free flying camera platform, AERCam is intended to provide additional external views unavailable from the ISS or Space Shuttle cameras. It can also be flown to areas around the ISS unreachable by suited crew members. Electrovaya is participating by developing a complete power system for the AERCam, including lithium ion batteries, for an initial amount of US\$15,000.

In addition, the original award has been increased by approximately US\$235,000, comprised of 5 additional lithium ion batteries and three charge adapters for the EMU-EVA program.

“By expanding the initial order and awarding Electrovaya the work on the power supply for the Mini AERCam project, NASA has demonstrated its confidence in Electrovaya’s technology and our ability to meet its needs,” said Dr. Jim Jacobs, Chief Technology Officer. “The Mini AERCam battery program is a novel and challenging project that requires a unique configuration, reliability and energy density uniquely available with our technology.”

About Electrovaya:

Electrovaya's goal is to become the leading provider of tablet PC's, portable power for the notebook computer, aerospace and wireless sectors, and to apply its technology to a broad spectrum of alternative energy applications including UPS, stand-by power and zero-emission vehicles. It develops, manufactures and sells high value products globally using award winning patented proprietary lithium ion SuperPolymer® rechargeable battery technology, which delivers the highest energy density of any battery technology on the market today. Electrovaya has designed, developed and markets the Scribbler™ Tablet PC which offers longer run time than any other Tablet PC currently available. The Company's shares trade on the Toronto Stock Exchange under the symbol EFL

For more information about the Company and its products, please visit

www.electrovaya.com

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