

ELBIT VISION SYSTEMS LTD.

ELBIT VISION SYSTEMS LTD. RECEIVES REPEAT ORDERS FROM LEADING TIRE CORD MANUFACTURERS

Yoqneam, Israel August 16, 2006 — Elbit Vision Systems Ltd. (OTCBB: EVSNF.OB) announced that it has received repeat orders from two leading tire cord fabric manufacturers in Asia for its advanced Tire Cord Automotive Optical Inspection systems. The orders will be supplied to the customers' new facilities in China. Since the beginning of 2006 the Company has received orders totaling approximately \$1 million from leading tire cord fabric manufacturers in Asia and South America for its Automatic Optical Inspection systems. All ordered systems are operational at customers' sites and meet the rising demands of this industry sector for quality.

Mr. Benjamin Mano, EVS' VP Sales & Marketing said: "We are proud that leading tire cord manufacturers in Asia have given their vote of confidence in EVS' equipment and technology by placing repeat orders with EVS. We are very pleased that these major international web manufacturers choose EVS as their partner to supply quality inspection solutions and systems at their new Chinese facilities. These orders together with other recently announced orders are evidence of EVS' increasing foothold in the Asian market."

About Elbit Vision Systems Ltd. (EVS): www.evs.co.il

EVS offers a broad portfolio of automatic in-line inspection and quality monitoring systems used to improve product quality and increase production efficiency. The Company's Industrial Division provides automatic optical inspection (AOI) and non-destructive ultrasound inspection systems for heavy manufacturing (automotive, aeronautics, steel and others). EVS maintains headquarters and manufacturing in Israel, R&D operations in Israel, and offers global sales and support coverage.

Safe Harbor:

This press release contains forward-looking statements. Such statements are subject to certain risks and uncertainties, such as market acceptance of new products and our ability to execute production on orders, which could cause actual results to differ materially from those in the statements included in this press release. Although EVS believes that the expectations reflected in such forward-looking statements are based on reasonable assumptions, it can give no assurance that its expectations will be achieved. EVS disclaims any intention or obligation to update or revise any forward-looking statements, which speak only as of the date hereof, whether as a result of new information, future events or otherwise. EVS undertakes no obligation to update forward-looking statements to reflect subsequently occurring events or circumstances.

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This press release and other releases are available on www.evs.co.il

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