

ELBIT VISION SYSTEMS LTD.

ELBIT VISION SYSTEMS LTD. WINS TWO CHINA TENDERS
TOTALING \$1,500,000

Yokneam, Israel August 15, 2006 — Elbit Vision Systems Ltd. (OTCBB: EVSNF.OB) today announced that it has won two tenders totaling \$1,500,000 held by leading Chinese manufacturers, for its ScanMaster ultrasonic inspection systems. The systems are for Aluminum plate scanning and for the Aerospace industry.

Mr. David Gal, EVS' Chairman said: "These orders together with another recently announced order from China are the fruits of our intensive efforts to increase our presence in China providing state of the art UT and AOI systems to this important market. We are very pleased that our Aluminum plate scanning systems which were launched last year have proven to be the best in class systems representing significant market potential for us.

We believe that our commitment to an intensive and comprehensive presence in China is proving itself for the benefit of our valued customers".

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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