SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of July 2006

ELTEK LTD.

(Name of Registrant)

Sgoola Industrial Zone, Petach Tikva, Israel (Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F x Form 40-F o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): 0

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): 0

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes o No X

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-_____

This Form 6-K is being incorporated by reference into the Registrant s Form S-8 Registration Statements File Nos. 333-12012 and 333-123559.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ELTEK LTD. (Registrant)

By: /s/ Amnon Shemer

Amnon Shemer

SIGNATURES 1

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Chief Financial Officer

Date: July 10, 2006

ELTEK Ltd.

Amnon Shemer, CFO +972-3-9395023 amnons@eltek.co.il

Eltek Wins a New Major Flex Rigid PCB Customer in the U.S.

Receives a \$320,000 initial order from a U.S. industrial manufacturer to be delivered in the third quarter of 2006.

PETACH-TIKVA, Israel, July 10, 2006 Eltek Ltd. (NasdaqSC:ELTK), the leading Israeli manufacturer of advanced circuitry solutions, today announced that a major U.S. industrial manufacturer has placed an initial order for flex rigid PCBs that will be used in the production of advanced industrial equipment. This order valued at \$320,000 is anticipated to be supplied during the third quarter of 2006.

This new win signifies an important strategic and quantitative achievement in our expanded penetration into the higher margin U.S. flex rigid PCB market, said Arieh Reichart, President and Chief Executive Officer of Eltek.

As we are optimistic that we will receive follow-on quarterly orders with at least similar characteristics, we believe that this new engagement will enable us to ramp up our flex rigid PCBs revenues, further improve our revenue mix and associated operating margins, and increase our overall corporate productivity and visibility, he concluded.

About the Company

Eltek is Israel s leading manufacturers of printed circuit boards, the core circuitry of most electronic devices. It specializes in the complex high-end of PCB manufacturing, i.e., HDI, multi-layered and flex-rigid boards. Eltek s technologically advanced circuitry solutions are used in today s increasingly sophisticated and compact electronic products. The Company has invested heavily in upgrading its production facilities over the past five years.

For more information, visit Eltek s World Wide Web site at www.eltekglobal.com.

Certain matters discussed in this news release are forward-looking statements that involve a number of risks and uncertainties including, but not limited to statements regarding expected results in future quarters, risks in product and technology development and rapid technological change, product demand, the impact of competitive products and pricing, market acceptance, the sales cycle, changing economic conditions and other risk factors detailed in the Company s filings with the United States Securities and Exchange Commission.

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