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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

August 17, 2005

Western Digital Corporation

(Exact name of registrant as specified in its charter)

Delaware

001-08703

33-0956711

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

(I.R.S. Employer  
Identification No.)

20511 Lake Forest Drive, Lake Forest, California

92630

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

(949) 672-7000

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 1.01 Entry into a Material Definitive Agreement.**

On August 17, 2005 Western Digital Technologies Inc., a wholly owned subsidiary of Western Digital Corporation, entered into a volume purchase agreement with Showa Denko K.K. (the "Supply Agreement"). The Supply Agreement requires that Showa supply Western Digital with certain specified media volumes until December 31, 2007 and is part of an ongoing effort by WD to diligently work with strategic suppliers to help ensure adequate supply of key components for its hard drives.

The above description of the Supply Agreement is qualified in its entirety by reference to the full text of the Supply Agreement, a copy of which will be filed as an exhibit to the Registrant's annual report on Form 10-K for the period ended July 1, 2005, with portions omitted and filed separately with the Securities and Exchange Commission pursuant to a request for confidential treatment.

This Form 8-K contains forward-looking statements, including statements concerning the company's ongoing efforts to help ensure adequate supply of key components for its hard drives. These forward-looking statements are based on current management expectations and are subject to risks and uncertainties that could cause actual results to differ materially from those expressed in the forward-looking statements, including: changes in availability and cost of specialized product components; actions by competitors; supply and demand conditions in the hard drive industry; pricing trends and fluctuations in average selling prices (ASPs); and other risks and uncertainties listed in the company's most recent Form 10-Q filed with the SEC. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof, and the company undertakes no obligation to update these forward-looking statements to reflect subsequent events or circumstances.

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**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 hereunto duly authorized.

Western Digital Corporation

August 22, 2005

By: *Raymond M. Bukaty*

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*Name: Raymond M. Bukaty*

*Title: Senior Vice President, Administration, General Counsel & Secretary*