

# SCHEDULE 14A INFORMATION

## Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to Section 240.14a-11(c) or Section 240.14a-12

### **KLA-TENCOR CORPORATION**

(Name of Registrant as Specified in its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

PAYMENT OF FILING FEE (CHECK THE APPROPRIATE BOX):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
  - (1) Title of each class of securities to which transaction applies:
  - (2) Aggregate number of securities to which transaction applies:
  - (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
  - (4) Proposed maximum aggregate value of transaction:
  - (5) Total fee paid:
- Fee paid previously with preliminary materials.
- Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
  - (1) Amount Previously Paid:
  - (2) Form, Schedule or Registration Statement No.:
  - (3) Filing Party:
  - (4) Date Filed:

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**Affirmation of Commitment to Pay-for-Performance**

On October 9, 2010, the Board of Directors of KLA-Tencor Corporation (the "Company") affirmed its commitment to pay-for-performance by announcing its intention to do the following:

- Consistent with the Company's fiscal year 2011 executive compensation program, at least 50% of the equity awards (in terms of number of shares) granted to the Company's Chief Executive Officer in any particular fiscal year will be performance-based equity awards that are earned or paid out based on the achievement of performance targets; and
- Consistent with the Company's current practice, the performance criteria measured and the difficulty of the achievement will be disclosed in the proxy statement for each annual meeting of stockholders, each in accordance with applicable regulations of the Securities and Exchange Commission.