

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

**SCHEDULE TO
(Amendment No. 6)
TENDER OFFER STATEMENT UNDER SECTION 14(d)(1) OR SECTION 13(e)(1) OF
THE SECURITIES EXCHANGE ACT OF 1934**

Orchid Cellmark Inc.

(Name of Subject Company (Issuer))

**OCM Acquisition Corp.
Laboratory Corporation of America Holdings**

(Name of Filing Persons (Offeror))

Common Stock, par value \$0.001 per share
(Title of Class of Securities)

68573C107
(CUSIP Number of Class of Securities)

F. Samuel Eberts III
Senior Vice President and Chief Legal Officer
Laboratory Corporation of America Holdings
358 South Main Street
Burlington, North Carolina 27215
(336) 229-1127
(Name, address and telephone number of person authorized
to receive notices and communications on behalf of filing persons)

with copies to:

Michael J. Silver
John H. Booher
Hogan Lovells US LLP
100 International Drive, Suite 2000
Baltimore, Maryland 21202
(410) 659-2700

CALCULATION OF FILING FEE

Transaction Valuation*	Amount of Filing Fee**
\$91,588,968.80	\$10,633.48

* Estimated solely for purposes of calculating the filing fee. This amount assumes the purchase of up to 32,710,346 shares of common stock, par value \$0.001 per share, of Orchid Cellmark Inc. at a purchase price of \$2.80 per share. The number of shares represents the fully diluted number of shares of common stock outstanding consisting of (i) 29,992,186 shares of common stock outstanding on April 4, 2011, and (ii) 2,718,160 shares of common stock issuable under stock options outstanding on April 5, 2011.

** The filing fee was calculated in accordance with Rule 0-11 under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and Fee Rate Advisory #5 for fiscal year 2011, issued December 22, 2010, by multiplying the transaction valuation by 0.0001161.

Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid.

Identify the previous filing by registration statement number or the Form or Schedule and the date of its filing.

Amount Previously Paid:	\$10,633.48
Form or Registration No.:	Schedule TO
Filing Party:	OCM Acquisition Corp. and Laboratory Corporation of America Holdings
Date Filed:	April 19, 2011

Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- third-party tender offer subject to Rule 14d-1.
- issuer tender offer subject to Rule 13e-4.
- going-private transaction subject to Rule 13e-3.
- amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer:

If applicable, check the appropriate boxes below to designate the appropriate rule provisions relied upon:

- Rule 13e-4(i) (Cross-Border Issuer Tender Offer)
- Rule 14d-1(d) (Cross-Border Third-Party Tender Offer)

This Amendment No. 6 (this "Amendment No. 6") amends and supplements the Tender Offer Statement on Schedule TO (as previously amended and supplemented by Amendment No. 1 filed on April 20, 2011, Amendment No. 2 filed on May 2, 2011, Amendment No. 3 filed on May 5, 2011, Amendment No. 4 filed on May 18, 2011 and Amendment No. 5 filed on June 2, 2011) filed with the Securities and Exchange Commission on April 19, 2011 (the "Schedule TO") in connection with the offer by OCM Acquisition Corp., a Delaware corporation ("Purchaser") and a wholly owned subsidiary of Laboratory Corporation of America Holdings, a Delaware corporation ("LabCorp"), to purchase all outstanding shares of common stock, par value \$0.001 per share, of Orchid Cellmark Inc., a Delaware corporation ("Orchid Cellmark") (the "Shares"), at a price of \$2.80 per Share in cash, without interest and subject to applicable tax withholding, upon the terms and subject to the conditions set forth in the Offer to Purchase, dated April 19, 2011 (the "Offer to Purchase"), a copy of which is filed with and attached to the Schedule TO as Exhibit (a)(1)(A) thereto, and the related Letter of Transmittal and instructions thereto, a copy of which is filed with and attached to the Schedule TO as Exhibit (a)(1)(B) thereto, as they may be amended or supplemented from time to time. This Amendment No. 6 is being filed on behalf of Purchaser and LabCorp.

The information set forth in the Schedule TO and in the Offer to Purchase remains unchanged, except that such information is hereby amended and supplemented to the extent specifically provided herein. All capitalized terms used in this Amendment No. 6 without definition have the meanings ascribed to them in the Schedule TO.

Items 1, 4, 5, 6, 8 and 11. Summary Term Sheet; Terms of the Transaction; Past Contacts, Transactions, Negotiations and Agreements; Purposes of the Transaction and Plans or Proposals; Interest in Securities of the Subject Company; Additional Information

Items 1, 4, 5, 6, 8 and 11 of the Schedule TO and the pertinent sections of the Offer to Purchase referred to in such Items are hereby amended and supplemented by adding the following text thereto:

"On June 15, 2011, LabCorp, Purchaser and Orchid Cellmark entered into Amendment No. 1 to the Merger Agreement ("Amendment No. 1") to amend the Merger Agreement to provide for extensions of the Offer for one or more successive periods of not more than 30 calendar days each under Section 1.1(e)(i) and Section 1.1(e)(ii) of the Merger Agreement in the event that certain of the conditions of the Offer have not been satisfied or waived on or prior to any Expiration Date (as defined in the Merger Agreement). Prior to the execution of Amendment No. 1, the Merger Agreement provided for extensions of the Offer of no more than 10 business days. The purpose of Amendment No. 1 is to eliminate the need for repeated short-term extensions of the Offer while the parties respond to the FTC's request for additional information. Amendment No. 1 is set forth as Exhibit (d)(4) hereto and is incorporated by reference herein.

On June 16, 2011, LabCorp announced that Purchaser extended the Offer, upon the terms and conditions set forth in the Offer to Purchase, as amended, until 5:00 p.m., New York City time, on July 15, 2011. As previously announced, the Offer was previously extended by Purchaser to June 15, 2011. The Offer may be further extended as described in the Offer to Purchase. The Depository has advised LabCorp that, as of 6:00 p.m. New York City time, on June 15, 2011, an aggregate of 26,460,545 Shares, or approximately 88.2% of the outstanding Shares, had been validly tendered into, and not withdrawn from, the Offer, including 98,590 Shares tendered through notices of guaranteed delivery.

On June 16, 2011, LabCorp issued a press release announcing the execution of Amendment No. 1 and the extension of the Offer. The full text of the press release issued by LabCorp is set forth as Exhibit (a)(5)(L) hereto and is incorporated by reference herein."

Item 11 of the Schedule TO is further amended and supplemented by adding the following at the end of the fourteenth paragraph of Section 15—"Certain Legal Matters—Legal Proceedings" of the Offer to Purchase:

“LabCorp and Orchid Cellmark have opposed the request for a preliminary injunction, and the defendants have filed motions to dismiss the action for failure to state a claim.”

Item 12. Exhibits.

Item 12 of the Schedule TO is hereby supplemented by adding the following exhibits:

“(a)(5)(L) Press release issued by LabCorp on June 16, 2011.

(d)(4) Amendment No. 1, dated as of June 15, 2011, to Agreement and Plan of Merger, dated as of April 5, 2011, by and among LabCorp, Purchaser and Orchid Cellmark.”

SIGNATURES

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

LABORATORY CORPORATION OF AMERICA
HOLDINGS

By: _____ /s/ F. SAMUEL EBERTS III
Name: **F. Samuel Eberts III**
Title: **Senior Vice President and Chief Legal Officer**

Dated: June 16, 2011

OCM ACQUISITION CORP.

By: _____ /s/ F. SAMUEL EBERTS III
Name: **F. Samuel Eberts III**
Title: **President and Secretary**

Dated: June 16, 2011

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Exhibit</u>
(a)(5)(L)	Press release issued by LabCorp on June 16, 2011.
(d)(4)	Amendment No. 1, dated as of June 15, 2011, to Agreement and Plan of Merger, dated as of April 5, 2011, by and among LabCorp, Purchaser and Orchid Cellmark.



FOR IMMEDIATE RELEASE

LabCorp Extends Tender Offer for All Outstanding Shares of Orchid Cellmark Inc.

BURLINGTON, N.C. June 16, 2011 — Laboratory Corporation of America® Holdings (NYSE: LH) today announced that LabCorp is extending until 5:00 p.m., New York City time, on July 15, 2011 LabCorp's previously announced cash tender offer for all outstanding shares of the common stock of Orchid Cellmark Inc. (NASDAQ: ORCH). On May 17, 2011, LabCorp received a request from the Federal Trade Commission, or the FTC, for additional information under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, as amended, applicable to the acquisition of Orchid by LabCorp. LabCorp previously extended its tender offer to June 15, 2011. LabCorp is continuing to cooperate with the FTC's request for additional information and is consequently further extending the expiration of the tender offer. To eliminate the need for repeated short-term extensions of the tender offer while the parties respond to the FTC's request for additional information, LabCorp, OCM Acquisition Corp. and Orchid recently amended their previously announced merger agreement to increase the length of a tender offer extension period from no more than 10 business days to no more than 30 calendar days.

The depository for the tender offer has advised LabCorp that as of 6:00 p.m., New York City time on June 15, 2011, stockholders of Orchid had validly tendered, and not withdrawn, 26,460,545 shares of Orchid common stock, including 98,590 shares of Orchid common stock tendered through notices of guaranteed delivery. The shares tendered represent approximately 88.2% of the outstanding shares of Orchid, and approximately 87.8% excluding the shares tendered by notices of guaranteed delivery (or approximately 80.9% and 80.6%, respectively, calculated on a fully diluted basis).

As announced previously, on April 19, 2011, LabCorp, through its wholly owned subsidiary OCM Acquisition Corp., commenced a tender offer for all outstanding shares of Orchid at a price of \$2.80 per share net to the seller in cash without interest and subject to applicable withholding taxes. The tender offer was made pursuant to the previously announced merger agreement among LabCorp, OCM Acquisition Corp. and Orchid dated as of April 5, 2011. The tender offer will now expire at 5:00 p.m., New York City time, on July 15, 2011, unless further extended.

Important Additional Information Has Been Filed with the SEC

This press release is for informational purposes only and is neither an offer to purchase nor a solicitation of an offer to sell shares of Orchid Cellmark Inc.'s common stock. The tender offer is being made pursuant to a tender offer statement as amended and related materials (including the Offer to Purchase and the Letter of Transmittal). ORCHID STOCKHOLDERS ARE URGED TO READ BOTH THE TENDER OFFER STATEMENT ON SCHEDULE TO AND RELATED MATERIALS (INCLUDING THE OFFER TO PURCHASE AND LETTER OF TRANSMITTAL), AS AMENDED, AND THE SOLICITATION/RECOMMENDATION STATEMENT ON SCHEDULE 14D-9, AS AMENDED, REGARDING THE TENDER OFFER BECAUSE THEY CONTAIN IMPORTANT INFORMATION.

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The tender offer statement on Schedule TO and related materials, including the Offer to Purchase and Letter of Transmittal, have been filed by Laboratory Corporation of America Holdings and OCM Acquisition Corp. with the SEC and mailed to Orchid stockholders. The solicitation/recommendation statement on Schedule 14D-9 has been filed by Orchid Cellmark Inc. with the SEC and mailed to Orchid stockholders. Investors and security holders may obtain a copy of these statements at no cost and other documents filed by Laboratory Corporation of America Holdings and OCM Acquisition Corp. or Orchid Cellmark Inc. with the SEC at the website maintained by the SEC at www.sec.gov. The tender offer statement and related materials, solicitation/recommendation statement, and such other documents may be obtained at no cost by directing such requests to Morrow & Co. LLC, the information agent for the tender offer, at 1-203-658-9400 for banks and brokers or 1-877-827-0538 for shareholders and all others. BofA Merrill Lynch is acting as Dealer Manager for the tender offer and can be reached at 1-888-803-9655.

About LabCorp®

Laboratory Corporation of America® Holdings, an S&P 500 company, is a pioneer in commercializing new diagnostic technologies and the first in its industry to embrace genomic testing. With annual revenues of \$5.0 billion in 2010, over 31,000 employees worldwide, and more than 220,000 clients, LabCorp offers a broad test menu ranging from routine blood analyses to reproductive genetics to DNA sequencing. LabCorp furthers its scientific expertise and innovative clinical testing technology with its Centers of Excellence: The Center for Molecular Biology and Pathology, National Genetics Institute, ViroMed Laboratories, Inc., The Center for Esoteric Testing, Litholink Corporation, Genzyme Genetics^{SM*}, DIANON Systems, Inc., US LABS, Monogram Biosciences, Inc., and Esoterix and its Colorado Coagulation, Endocrine Sciences, and Cytometry Associates laboratories. LabCorp conducts clinical trials testing through its Esoterix Clinical Trials Services division. LabCorp clients include physicians, government agencies, managed care organizations, hospitals, clinical labs, and pharmaceutical companies. To learn more about our organization, visit our Web site at: www.labcorp.com.

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Investors are cautioned that statements in this press release that are not strictly historical statements, including, without limitation, statements relating to the expected timing and closing of the transaction, constitute forward-looking statements. These statements are based on current expectations, forecasts and assumptions of LabCorp that are subject to risks and uncertainties that could cause actual outcomes and results to differ materially from those statements. Risks and uncertainties include, among others, the risk that the conditions to the offer or the merger set forth in the agreement and plan of merger will not be satisfied or waived, uncertainties as to the timing of the merger, uncertainties as to how many Orchid stockholders will tender their stock in the offer; the risk that competing offers will be made; changes in either companies' businesses during the period between now and the closing; the successful integration of Orchid into LabCorp's business subsequent to the closing of the transaction; adverse reactions to the proposed transaction by customers, suppliers or strategic partners; dependence on key personnel and customers; reliance on proprietary technology; management of growth and organizational change; risks associated with litigation; competitive actions in the marketplace; and adverse actions of governmental and other third-party payors; as well as other factors detailed in LabCorp's and Orchid's filings with the SEC, including LabCorp's Annual Report on Form 10-K for the year ended December 31, 2010 and subsequent SEC filings, and Orchid's Annual Report on Form 10-K for the year ended December 31, 2010 and subsequent SEC filings.

Contact:

Laboratory Corporation of America® Holdings

Investor/Media Contact:

Stephen Anderson, 336-436-5274

Company Information: www.labcorp.com

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AMENDMENT NO. 1

TO AGREEMENT AND PLAN OF MERGER

This Amendment No. 1 (this "**Amendment**") to that certain Agreement and Plan of Merger dated April 5, 2011 (the "**Agreement**"), by and among Laboratory Corporation of America Holdings, a Delaware corporation ("**Parent**"), OCM Acquisition Corp., a Delaware corporation and wholly-owned subsidiary of Parent ("**Purchaser**") and Orchid Cellmark Inc., a Delaware corporation (the "**Company**"), is made as of June 15, 2011 by and between Parent, Purchaser and the Company. Capitalized terms used but not otherwise defined in this Amendment shall have the meanings set forth in the Agreement.

WHEREAS, sections 1.1(e)(i) and 1.1(e)(ii) of the Agreement provide for extensions of the Offer for one or more successive periods of not more than 10 business days each under certain circumstances; and

WHEREAS, pursuant to section 8.2 of the Agreement, Parent, Purchaser and the Company desire to amend the Agreement as set forth herein to provide for longer extension periods.

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements set forth in this Amendment, the parties agree as follows:

1. Section 1.1(e)(i) of the Agreement is hereby deleted in its entirety and replaced with the following:

"(i) If on or prior to any then scheduled Expiration Date, the only Offer Conditions that have not been satisfied, or waived by Parent or Purchaser if permitted hereunder, are the Minimum Condition, the HSR Condition (as defined in **Annex I**), and/or the Trading Suspension Condition (as defined in **Annex I**), then Purchaser shall (and Parent shall cause Purchaser to), at the request of the Company, extend the Offer for one or more successive periods of not more than 30 calendar days each in order to permit the satisfaction of such conditions, provided such extension of the Offer period does not extend past the earlier of (x) the termination of this Agreement pursuant to Section 7.1 and (y) the date, as applicable, that is (A) 120 days after commencement of the Offer (the "**Initial Outside Date**"), or (B) 210 days after commencement of the Offer in the event that the HSR Condition shall not have been satisfied, or waived by Parent or Purchaser if permitted hereunder, by the Initial Outside Date (the "**Extended Outside Date**");"

2. Section 1.1(e)(ii) of the Agreement is hereby deleted in its entirety and replaced with the following:

"(ii) Purchaser may, in its sole discretion, extend the Offer for one or more successive periods of not more than 30 calendar days each, if at any otherwise scheduled Expiration Date any of the Offer Conditions shall not have been satisfied, or waived by Parent or Purchaser if permitted hereunder, until the termination of this Agreement pursuant to Section 7.1; and".

3. All questions concerning the execution, construction, validity, interpretation, performance and enforcement of this Amendment will be governed by the laws of the State of Delaware, without giving effect to its conflict of laws principles.

4. Except as expressly amended hereby, the terms and conditions of the Agreement shall remain in full force and effect and shall be binding on the parties hereto.

5. This Amendment may be executed in any number of counterparts, each of which shall be an original, but all of which taken together shall constitute one and the same instrument and shall become effective when one or more counterparts have been signed by each of the parties and delivered to the other parties.

[Signature Page Follows]

