

**SOLEXA, INC.**

**CHARTER OF THE  
NOMINATING AND CORPORATE GOVERNANCE COMMITTEE  
OF THE  
BOARD OF DIRECTORS**

**ADOPTED OCTOBER 26, 2004**

**I. PURPOSE**

The purpose of the Nominating and Corporate Governance Committee (the “*Committee*”) of the Board of Directors (the “*Board*”) of **SOLEXA, INC.**, a Delaware corporation (the “*Company*”), shall be to (1) oversee all aspects of the Company’s corporate governance functions on behalf of the Board; (2) make recommendations to the Board regarding corporate governance issues; (3) identify, review and evaluate candidates to serve as directors of the Company and review and evaluate incumbent directors; (4) serve as a focal point for communication between such candidates, non-committee directors and the Company’s management; (5) recommend to the Board for selection candidates to the Board; and (6) make other recommendations to the Board regarding affairs relating to the directors of the Company.

**II. COMPOSITION**

The Committee shall consist of at least two (2) members of the Board. No Committee member shall be an employee of the Company and each member shall be free from any relationship that would interfere with the exercise of his or her independent judgment, as determined by the Board, in accordance with the applicable independence requirements of The Nasdaq Stock Market, Inc. (“*Nasdaq*”). The members of the Committee and the Committee chairperson shall be appointed by the Board. The members of the Committee and the Committee’s Chairperson shall be appointed by and serve at the discretion of the Board. Vacancies occurring on the Committee shall be filled by the Board.

**III. MEETINGS AND MINUTES**

The Committee will hold at least one (1) regular meeting per year and additional meetings, as the Committee deems appropriate. Minutes of each meeting of the Committee shall be prepared and distributed to each director of the Company and the Secretary of the Company promptly after each meeting. The Chairman of the Committee will report to the Board from time to time, or whenever so requested by the Board.

**IV. AUTHORITY**

The Committee shall be authorized to access such internal and external resources as the Committee deems necessary or appropriate to fulfill its defined responsibilities, including engagement of independent counsel, consultants and other professional advisors, as well as sole authority to retain and terminate executive search firms to help identify director candidates. The Committee shall have sole authority to approve fees, costs and other terms of engagement of such outside resources. The Company shall make available to the Committee all funding

necessary for the Committee to carry out its duties, including, without limitation, the payment of such expenses. The Committee shall have the authority to perform such other functions, and shall have such powers, as may be necessary or appropriate in the efficient and lawful discharge of its responsibilities hereunder.

## **V. RESPONSIBILITIES**

The operation of the Committee will be subject to the provisions of the Bylaws of the Company and the Delaware General Corporation Law, each as in effect from time to time. The Committee will have the full power and authority to carry out the following primary responsibilities or to delegate such power and authority to one or more subcommittees of the Committee:

**1. Director Nominations.** The Committee has the primary responsibility of identifying, reviewing and evaluating candidates to serve on the Company's Board, including consideration of any potential conflicts of interest as well as applicable independence and experience requirements. The Committee shall also have the primary responsibility for reviewing, evaluating and considering the recommendation for nomination of incumbent directors for reelection to the Board, as well as monitoring the size of the Board. The Committee shall also recommend to the Board for selection candidates to the Board to serve as nominees for director for the annual meeting of stockholders. The Committee shall also have the power and authority to consider recommendations for Board nominees and proposals submitted by the Company's stockholders and to establish any policies, requirements, criteria and procedures, including policies and procedures to facilitate stockholder communications with the Board of Directors, to recommend to the Board appropriate action on any such proposal or recommendation and to make any disclosures required by applicable law in the course of exercising its authority.

**2. Board Assessment.** The Committee shall periodically review, discuss and assess the performance of the Board, including Board committees, seeking input from senior management, the full Board and others. The assessment shall include evaluation of the Board's contribution as a whole and effectiveness in serving the best interests of the Company and its stockholders, specific areas in which the Board and/or management believe contributions could be improved, and overall Board composition and makeup, including the reelection of current Board members. The Committee shall also consider and assess the independence of directors, including whether a majority of the Board continue to be independent from management in both fact and appearance, as well as within the meaning prescribed by Nasdaq.

**3. Board Committee Nominations.** The Committee, after due consideration of the interests, independence and experience of the individual directors and the independence and experience requirements of Nasdaq, the rules and regulations of the Securities and Exchange Commission and applicable law, shall recommend to the entire Board annually the chairmanship and membership of each committee.

**4. Continuing Education.** The Committee shall consider instituting a plan or program for the continuing education of directors.

**5. Corporate Governance Principles.** The Committee shall develop a set of corporate governance principles to be applicable to the Company, shall periodically review and assess these principles and their application, and shall recommend any changes deemed appropriate to the Board for its consideration.

**6. Procedures for Information Dissemination.** The Committee shall oversee and review the processes and procedures used by the Company to provide information to the Board and its committees. The Committee should consider, among other factors, the reporting channels through which the Board and its committees receive information and the level of access to outside advisors where necessary or appropriate, as well as the procedures for providing accurate, relevant and appropriately detailed information to the Board and its committees on a timely basis.

**7. Management Succession.** The Committee shall periodically review with the Chief Executive Officer the plans for succession to the offices of the Company's executive officers and make recommendations to the Board with respect to the selection of appropriate individuals to succeed to these positions.

**8. SEC Report.** The Committee shall prepare any report or other disclosure required by the applicable Securities and Exchange Commission rules and regulations to be included in the Company's annual proxy statement.

**9. Annual Charter Review.** The Committee shall review, discuss and assess periodically its own performance as well as the Committee's role and responsibilities as outlined in this Charter. The Committee shall submit any suggested changes to the Board for its consideration.