

MYREXIS, INC.

Procedures for Security Holders Submitting Nominating Recommendations

The Nominating and Governance Committee (the “Committee”) of Myrexix, Inc. (the “Company”) has adopted the following procedures for Company security holders to submit recommendations for nomination to the Company’s Board of Directors (the “Board”). The Committee may amend these procedures from time to time.

1. Security Holders Entitled to Make Submissions. The Committee will accept for consideration submissions of recommendations for the nomination of directors from shareholders who meet the minimum percentage ownership requirements that the Board may establish from time to time. Submissions of such recommendations must comply with the requirements set forth below. Acceptance of a recommendation for consideration does not imply that the Committee will nominate the recommended candidate.

2. Manner and Address for Submission. All shareholder nominating recommendations must be in writing, addressed to the Committee care of the Company’s corporate secretary at the Company’s principal headquarters, 305 Chipeta Way, Salt Lake City, UT 84108. Submissions must be made by mail, courier or personal delivery. E-mailed submissions will not be considered.

3. Information Concerning the Recommending Shareholders. A nominating recommendation must be accompanied by the following information concerning each recommending shareholder:

- The name and address, including telephone number, of the recommending shareholder;
- The number of the Company’s shares owned by the recommending shareholder and the time period for which such shares have been held;
- If the recommending shareholder is not a shareholder of record, a statement from the record holder of the shares (usually a broker or bank) verifying the holdings of the shareholder and a statement from the recommending shareholder of the length of time that the shares have been held. Alternatively, the shareholder may furnish a current and correct copy of a Schedule 13D, Schedule 13G, Form 3, Form 4 or Form 5 filed with the Securities and Exchange Commission reflecting the holdings of the shareholder, together with a statement of the length of time that the shares have been held; and
- A statement from the shareholder as to whether the shareholder has a good faith intention to continue to hold the reported shares through the date of the Company’s next annual meeting of shareholders.

4. Information Concerning the Proposed Nominee. A nominating recommendation must be accompanied by the following information concerning the proposed nominee:
- the information required by Item 401 of SEC Regulation S-K (generally providing for disclosure of the name, address, and business experience for the past five years of the proposed nominee, as well as information regarding certain types of legal proceedings within the past ten years involving the nominee);
 - the information required by Item 403 of SEC Regulation S-K (generally providing for disclosure regarding the proposed nominee's ownership of securities of the Company); and
 - the information required by Item 404 of SEC Regulation S-K (generally providing for disclosure of transactions between the Company and the proposed nominee valued in excess of \$120,000 and certain other types of business relationships with the Company).
5. Relationships Between the Proposed Nominee and the Recommending Shareholder. The nominating recommendation must describe all relationships between the proposed nominee and the recommending shareholder, and any agreements or understandings regarding the nomination, including those between the recommending shareholder and the nominee.
6. Other Relationships of the Proposed Nominee. The nominating recommendation shall describe all relationships between the proposed nominee and any of the Company's competitors, customers, suppliers, labor unions or other persons with special interests regarding the Company.
7. Qualifications of the Proposed Nominee. The recommending shareholder must furnish a statement supporting its view that the proposed nominee possesses the minimum qualifications prescribed by the Committee for nominees, and briefly describing the contributions that the nominee would be expected to make to the board and to the governance of the Company.
8. Ability to Represent All Shareholders. The recommending shareholder must state whether, in the view of the shareholder, the nominee, if elected, would represent all shareholders and not serve for the purpose of advancing or favoring any particular shareholder or other constituency of the Company.
9. Consent to be interviewed by the Committee and, if nominated and elected, to serve. The nominating recommendation must be accompanied by the written consent of the proposed nominee to: (a) be considered by the Committee and interviewed if the Committee chooses to do so in its discretion, and (b) if nominated and elected, to serve as a director of the Company. The recommending shareholder must furnish the proposed nominee's contact information for this purpose.

10. Timing for Submissions Regarding Nominees for Election at Annual Meetings. A shareholder (or group of shareholders) wishing to submit a nominating recommendation for an annual meeting of shareholders must ensure that it is received by the Company, as provided above, not later than 120 calendar days prior to the first anniversary of the date of the proxy statement for the prior year's annual meeting of shareholders. In the event that the date of the annual meeting of shareholders for the current year is more than 30 days following the first anniversary date of the annual meeting of shareholders for the prior year, the submission of a recommendation will be considered timely if it is submitted a reasonable time in advance of the mailing of the Company's proxy statement for the annual meeting of shareholders for the current year.

11. Shareholder Groups. If a recommendation is submitted by a group of two or more shareholders, the information regarding recommending shareholders set forth in paragraph three above must be submitted with respect to each shareholder in the group.

Version: July 1, 2010