

EQV VENTURES ACQUISITION CORP. II

Nominating and Corporate Governance Committee Charter

(adopted on July 1, 2025)

I. Purpose

The purpose of the Nominating and Corporate Governance Committee (the “Committee”) of the Board of Directors (the “Board”) of EQV Ventures Acquisition Corp. II (the “Company”) is to: (1) assist the Board by identifying individuals qualified to become Board members (consistent with criteria approved by the Board) and to recommend for selection by the Board the director nominees to stand for election at the next annual meeting of the Company’s shareholders; (2) recommend to the Board director nominees for each committee of the Board; (3) oversee the evaluation of the Board and the committees of the Board; (4) develop and recommend to the Board a set of corporate governance guidelines applicable to the Company; and (5) recommend to the Board such other matters of corporate governance as the Committee deems appropriate.

II. Membership

Except as may otherwise be permitted by the rules of The New York Stock Exchange (the “NYSE”), each member of the Committee shall, in the determination of the Board, be an “Independent Director” that satisfies the independence and other requirements established by the NYSE.

The members of the Committee shall be appointed by the Board to serve in accordance with the Company’s organizational documents (the “Organizational Documents”), and at the discretion of the Board and may be removed or replaced by the Board at any time. The chairperson of the Committee shall be elected by the full Board.

III. Meetings; Rules of Procedure

The Committee shall meet as often as it deems necessary or appropriate. Special meetings may be convened as the Committee deems necessary or appropriate. The Committee may ask members of management or others to attend a meeting of the Committee (or to meet with any member of, or advisors to, the Committee) and provide pertinent information as necessary or desirable. The Committee may adopt such procedures as it deems appropriate and necessary to carry out the duties and responsibilities of the Committee. The Committee shall report to the Board as it or the Board deems necessary or appropriate.

Notice of Committee meetings shall be given in the same manner as notice for special meetings of the Board. Except as otherwise provided by the Company’s memorandum and articles of association, as amended and restated from time to time (the “Articles Documents”), a majority of the members of the Committee shall constitute a quorum for the transaction of business at any meeting of the Committee. The act of a majority of the Committee members present at a meeting shall be the act of the Committee.

IV. Responsibilities and Duties

A. Selection of Directors and Committee Members

1. The Committee shall develop, and recommend to the Board for approval, policies regarding the following criteria:

- (i) specific, minimum qualifications for director nominees;
- (ii) the process for identifying and evaluating director nominees and for evaluating and re-nominating existing directors; and
- (iii) consideration of any director nominee candidates recommended by the Company's shareholders.

The Committee shall from time to time review the composition of the Board as a whole and the composition of the Board's committees and review and recommend any changes in such policies to the Board for its approval.

2. The Committee shall identify individuals qualified to become Board members and consider and evaluate candidates to fill positions on the Board (including, but not limited to, persons nominated by the Company's shareholders) and to fill vacancies on committees of the Board, consistent with the Company's policies. The Committee shall conduct the appropriate and necessary inquiries (as determined by the Committee) with respect to the backgrounds and qualifications of candidates.

3. The Committee shall recommend to the Board for its selection, candidates to fill positions on the Board and each committee of the Board. The Board shall select from among such recommended candidates the director nominees to stand for election at the next annual meeting of the Company's shareholders.

4. The Committee shall review the independence and other qualifications of Board members and director nominees, consider questions of possible conflicts of interest between Board members or management and the Company and its subsidiaries, and monitor all other activities of Board members or management that could interfere with such individuals' duties to the Company.

5. Notwithstanding anything to the contrary in this charter of the Committee (this "Charter"), if the Company is required by contract or otherwise to provide third parties with the ability to nominate one or more directors, the selection and nomination of such directors shall not be subject to review or approval by the Committee.

B. Evaluation of the Board and its Committees; Charter Review

1. The Committee shall oversee the evaluation of the performance of the Board and its committees (including the performance of the Committee). The Committee shall receive comments from directors and report the results of such evaluation annually to the Board. In addition, the Committee shall review and reassess, at least annually, the

adequacy of this Charter and recommend any proposed changes to the Board. The Committee shall conduct such evaluations and reviews in such manner as it deems appropriate.

C. Develop and Recommend to the Board the Company's Corporate Governance Guidelines and Other Corporate Governance Codes

1. The Committee shall develop and recommend to the Board for its approval a set of corporate governance guidelines (the "Corporate Governance Guidelines") applicable to the Company. The Committee periodically shall review and reassess the adequacy of the Corporate Governance Guidelines and such other matters of corporate governance as the Committee, in its sole discretion, deems necessary or desirable. The Committee shall recommend any proposed changes to Corporate Governance Guidelines to the Board for its approval.

D. Other Rights and Responsibilities

1. The Committee shall make recommendations concerning the functions and duties of the committees of the Board.

2. The Committee may form and delegate authority to sub-committees or, to the extent permitted under applicable laws, regulations and NYSE rules, to any other independent director or committee comprised entirely of independent directors, in each case, to the extent the Committee deems necessary or appropriate. The Committee may consult with or obtain input from management, but, except as expressly provided herein, shall not delegate any of its responsibilities to management.

3. The Committee may designate any member of the Committee to execute documents on its behalf as the Committee deems necessary or appropriate to carry out its responsibilities hereunder.

4. The Committee shall review and reassess the adequacy of this Charter annually and recommend any proposed changes to the Board for its approval.

5. The Committee shall have the sole authority, to the extent the Committee deems necessary or appropriate to carry out its responsibilities, (a) to retain and terminate any search firm used to identify director candidates, and (b) to obtain advice and assistance from, and to retain and terminate, internal or external legal, accounting or other consultants. The Committee shall have the sole authority to approve the fees and other retention terms of any such search firm or legal, accounting or other consultants.

V. Guidelines for Selecting Director Nominees

The Committee will consider persons identified by its members, management, shareholders, investment banker and others as determined advisable by the Committee. The guidelines for selecting nominees are as follows:

1. The person should have demonstrated notable or significant achievements in business, education or public service;
2. The person should possess the requisite intelligence, education and experience to make a significant contribution to the Board and bring a range of skills, diverse perspectives and backgrounds to its deliberations; and
3. The nominee should have the highest ethical standards, a strong sense of professionalism and intense dedication to serving the interests of the shareholders.

VI. General

The Committee may diverge from the specific activities outlined throughout this Charter, as appropriate, if circumstances or regulatory requirements change. In addition to these activities, the Committee may perform such other functions as necessary or appropriate under applicable laws, regulations, NYSE rules, the Company's Articles Documents, and the resolutions and other directives of the Board, each as in effect from time to time. This Charter may be amended from time to time by the Board.

This Charter shall be made available on the Company's website at www.eqvventuresii.com and to any shareholder who otherwise requests a copy.