



COMPENSATION COMMITTEE CHARTER OF THE BOARD OF DIRECTORS

PURPOSE OF THE COMMITTEE

The purposes of the Compensation Committee (the “Committee”) of the Board of Directors (the “Board”) of ALSP Orchid Acquisition Corporation I (the “Company”) shall be to oversee and review the Company’s compensation policies, plans and programs, including its executive, director and other incentive and equity-based compensation plans, and to review and prepare any disclosures required to be made by the Company in its periodic filings with the Securities and Exchange Commission (“SEC”) pursuant to the rules and regulations of the SEC. For purposes of this charter, the term “compensation” shall include salary, long-term incentives, bonuses, performance-based cash incentive plans, perquisites, equity incentives, severance arrangements, change of control related arrangements, retirement benefits, tax gross up provisions and other related benefits and benefit plans.

This charter is intended as a tool within which the Board, assisted by its committees, directs the affairs of the Company. While it should be interpreted in the context of all applicable laws, regulations and listing requirements, as well as in the context of the Company’s charter and bylaws (“Governing Documents”), it is not intended to establish by its own force any legally binding obligations.

COMPOSITION OF THE COMMITTEE

The members of the Committee shall be appointed by the Board on the recommendation of the Nominating Committee. The Board may designate one member of the Committee as its Chairperson and in the absence of any such designation by the Board, the Committee shall designate by majority vote of the full Committee one member of the Committee as its Chairperson. Vacancies on the Committee shall be filled by majority vote of the Board at the next meeting of the Board following the occurrence of the vacancy or by written consent of the Board. No member of the Committee shall be removed except by majority vote of the Board. The Board may remove any member (including the Chairperson) from the Committee at any time with or without cause.

The Committee shall meet the independence requirements established by the Board and applicable laws, regulations and listing requirements of The Nasdaq Stock Market (“Nasdaq”), except that the Committee may have as one of its members a “non-independent director” under exceptional and limited circumstances pursuant to the exemption under Rule 5605(d)(2)(B) of Nasdaq. At least two of the Committee members shall be “non-employee directors” as defined by Rule 16b-3 under the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Notwithstanding the foregoing, none of the members of the Committee will be one of the Company’s officers or employees. The members of the Committee and the Chairperson shall be selected not less frequently than annually by the Board and serve at the pleasure of the Board. Each member shall also be free of any relationship that, in the judgment of the Board, would interfere with the exercise of his or her independent judgment.

MEETINGS AND PROCEDURES OF THE COMMITTEE

The Committee may fix its own rules of procedure, which shall be consistent with the Governing Documents. The Committee shall meet at least annually, or more frequently as circumstances require. The Chairperson of the Committee or a majority of the members of the Committee may also call a special meeting of the Committee. A majority of the members of the Committee present in person or by means of a conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other shall constitute a quorum. Any action required or permitted to be taken at any meeting of the Committee may be taken

without a meeting, if all members of the Committee consent thereto in writing, and the writing or writings are filled with the minutes of proceedings of the Committee.

The Committee may request that any directors, officers or employees of the Company, or other persons whose advice and counsel are sought by the Committee, attend any meeting of the Committee to provide such pertinent information as the Committee requests. Neither of the Company's Co-Chief Executive Officer or Co-Chief Executive Officer and Chief Financial Officer (the "Executive Officers") shall attend the portion of any meeting where the Executive Officers' performance or compensation are discussed.

The Compensation Committee shall report to the Board on Committee findings, recommendations and other matters the Committee deems appropriate or the Board requests. The Committee shall keep written minutes of its meetings, which minutes shall be maintained with the books and records of the Company.

DELEGATION OF AUTHORITY

The Committee may form subcommittees for any purpose that the Committee deems appropriate and may delegate to such subcommittees such power and authority as the Committee deems appropriate; provided, however, that the Committee shall not delegate to a subcommittee any power or authority required by any law, regulation or listing standard to be exercised by the Committee as a whole.

The Committee may also delegate to one or more executive officers of the Company the authority to make grants of equity-based compensation to eligible individuals who are not executive officers. Any executive officer to whom the Committee grants such authority shall regularly report to the Committee grants so made and the Committee may revoke any delegation of authority at any time.

COMMITTEE RESPONSIBILITIES

The primary responsibilities of the Committee shall be to:

- Oversee and review the Company's executive compensation plans and policies.
- Ensure that the Company's executive compensation programs are designed to enable it to recruit, retain and motivate a large group of talented and diverse executives.
- Ensure that the Company's executive compensation programs are appropriately competitive, support organization objectives and shareholder interests, and ensure executive compensation is adequately designed to align the interests of executive officers with the long-term performance of the Company.
- Review and report to the Board for its consideration any cash incentive compensation plans, option plans or other equity-based plans that provide for payment in the Company's shares or are based on the value of the Company's shares, subject to any approvals required by the shareholders of the Company.
- Oversee all employee benefit plans and programs of the Company, its subsidiaries and divisions, including the authority to adopt, amend and terminate such plans and programs (unless approval by the Board or shareholders is required by law).
- Implement and administer the Company's compensation equity-based remuneration plans.
- Review and approve on an annual basis the corporate goals and objectives relevant to each Executive Officer, evaluating each Executive Officer's performance in light of such goals and objectives and determining and approving the remuneration (if any) of each Executive Officer based on this evaluation.
- Evaluate and approve, on an annual basis, the individual elements of total compensation for the executive officers (within the meaning of Section 16 of the Exchange Act), other than the Executive Officers, and other key executives.

- Review and approve all special perquisites, special cash payments and other special compensation and benefit arrangements for the Company's officers and employees.
- Evaluate and recommend for Board approval any mandatory share ownership guidelines.
- Review and evaluate the compensation paid to directors and make recommendations to the Board for any adjustments.
- Make all approvals necessary under Section 16, Section 162(m) and other regulatory provisions.
- If applicable, review and discuss with management the Compensation Discussion and Analysis (the "CD&A") required to be included in the Company's proxy statement and annual report on Form 10-K by the rules and regulations of the SEC, and, based on such review and discussion, determine whether or not to recommend to the Board that the CD&A be so included.
- The Committee shall produce the annual Compensation Committee Report for inclusion in the Company's proxy statement in compliance with the rules and regulations promulgated by the SEC.
- Annually assess and report to the Board on the performance and effectiveness of the Committee.
- Review this charter on an annual basis, update it as appropriate, and submit it for the approval of the Board when updated.
- Undertake such other responsibilities or tasks as the Board may delegate or assign to the Committee from time to time.

INVESTIGATIONS AND STUDIES; OUTSIDE ADVISERS

The Committee may conduct or authorize investigations into or studies of matters within the Committee's scope of responsibilities, and may retain, at the Company's expense, such legal counsel or other consultants or advisers as it deems necessary and appropriate, including compensation consultants to advise the Committee with respect to amounts or forms of executive or director compensation, and may rely on the integrity and advice of any such counsel or other advisers. It is the Committee's intention that any compensation consultant engaged to advise the Committee with respect to executive and director compensation will not engage in work for the Company that is unrelated to executive and director compensation advisory services without prior approval of the Committee Chairperson.

The Committee shall be directly responsible for the appointment, compensation and oversight of the work of any such compensation consultant, legal counsel and other adviser retained by the Committee. The Company shall provide for appropriate funding, as determined by the compensation committee, for payment of reasonable compensation to a compensation consultant, legal counsel or any other adviser retained by the Committee. The Committee shall have sole authority to approve related fees and retention terms.

The Committee may select, or receive advice from, a compensation consultant, legal counsel or other adviser to the Committee, other than in-house legal counsel, only after taking into consideration all factors relevant to the adviser's independence from management, including in the factors required by the Nasdaq listing rules and the SEC, and the following factors:

- the provision of other services to the Company by the person that employs the compensation consultant, legal counsel or other adviser;
- the amount of fees received from the Company by the person that employs the compensation consultant, legal counsel or other adviser, as a percentage of the total revenue of the person that employs the compensation consultant, legal counsel or other adviser;

- the policies and procedures of the person that employs the compensation consultant, legal counsel or other adviser that are designed to prevent conflicts of interest;
- any business or personal relationship of the compensation consultant, legal counsel or other adviser with a member of the Committee;
- any share of the Company owned by the compensation consultant, legal counsel or other adviser; and
- any business or personal relationship of the compensation consultant, legal counsel other adviser or the person employing the adviser with a member of senior management.

Notwithstanding the foregoing, the Committee is not required to conduct an independence assessment for a compensation adviser that acts in a role limited to the following activities for which no disclosure is required under Item 407(e)(3)(iii) of Regulation S-K promulgated by the SEC: (a) consulting on any broad-based plan that does not discriminate in scope, terms, or operation, in favor of executive officers or directors of the Company, and that is available generally to all salaried employees; and/or (b) providing information that either is not customized for the Company or that is customized based on parameters that are not developed by the adviser, and about which the adviser does not provide advice.

Adopted: November 2, 2021