

0001193125-25-0247406-K SK TELECOM CO LTD 2025021220250212061237061239061239 0 0001193125-25-0247406-K 1 20250212 20250212 20250212 SK TELECOM CO LTD 0001015650 4812 999999999 1231 6-K 34 333-04906 25611808 11, EULJIRO2-GA JUNG-GU SEOUL KOREA M5 100-999 82-2-6100-1639 11, EULJIRO2-GA JUNG-GU SEOUL M5 100-999 KOREA MOBILE TELECOMMUNICATIONS CORP 19960530 6-K 1 d917798d6k.htm FORM 6-K Form 6-K

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE MONTH OF FEBRUARY 2025 Commission File Number: 333-04906 SK Telecom Co., Ltd. (Translation of registrant's name into English) 65, Euljiro, Jung-gu Seoul 04539, Korea (Address of principal executive office) Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F Form 40-F Preliminary Results of Operations

The preliminary results shown below may differ from the final results. 1. Basis: Consolidated Classification (unit : in 100 millions of Won, %) Current Period(Fourthquarterof 2024) Previous Period(Third quarterof 2024) Changes(%) Year to Year Comparison(Fourthquarterof 2023) Changes(%) Operating Revenue Quarterly ResultsYear-to-date 45,115 45,321 (0.45 ) 45,273 (0.35) (YTD) Results 179,406 134,291 176,085 1.89 Operating Income Quarterly ResultsYTD Results 2,54118,234 5,33315,693 (52.34 ) 2,97117,532 (14.44) 4.00 Profit from Continuing Operations Before Income Tax Quarterly ResultsYTD Results 5,29818,135 3,64712,836 45.27 , 2,17414,882 143.72 21.86 Profit for the Period Quarterly ResultsYTD Results 4,46514,388 2,8029,923 59.37 , 1,87411,459 138.2125.56 Attributable To: Controlling Interests Quarterly ResultsYTD Results 3,42613,019 2,6899,593 27.39 , 1,76010,936 94.6419.04 2. Basis: Separate Classification (unit : in 100 millions of Won, %) Current Period(Fourthquarterof 2024) Previous Period(Third quarterof 2024) Changes(%) Year to Year Comparison(Fourthquarterof 2023) Changes(%) Operating Revenue Quarterly ResultsYTD Results 31,906 127,741 32,032 95,834 (0.39 ) 32,043125,892 (0.43 1.47 ) Operating Income Quarterly ResultsYTD Results 1,793 15,232 4,570 13,438 (60.76 ) 2,54014,559 (29.39 4.62 ) Profit Before Income Tax Quarterly ResultsYTD Results 2,845 15,288 2,918 12,443 (2.52 ) 1,63213,549 74.3212.83 Profit for the Period Quarterly ResultsYTD Results 3,374 13,322 2,224 9,948 51.73 , 1,14410,598 194.9725.71 3. Source of Data Data Provider Provided for IR, SK TelecomAnalysts and Investors Date of Provision February 12, 2025 / 3:00 p.m. (Seoul time) Location 2024 Earnings ResultsConference Call Organizing Team IR, SK Telecom (+82-2-6100-2114) 4. Other Important Matters Relating to an Investment Decision - The preliminary results set forth in this report have been prepared on a consolidated basis and separate basis in accordance with International Financial Reporting Standards as adopted in Korea and may be subject to change based on the results of the audit by the Company's external auditor. - For further relevant materials, please refer to the Company's IR website at: <https://www.sktelecom.com/en/investor/lib/announce.do>

SIGNATURES Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. SK TELECOM CO., LTD. (Registrant) By: /s/ Hee Jun Chung (Signature) Name: Hee Jun Chung Title: Vice President Date: February 12, 2025