UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2023

Commission file number: 001-41687

BITDEER TECHNOLOGIES GROUP

08 Kallang Avenue
Aperia tower 1, #09-03/04
Singapore 339509
(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F. Form 20-F ⊠

Form 40-F □

Term Extension for Share Repurchase Program

Bitdeer Technologies Group (the "Company") previously announced on June 15, 2023, that its board of directors (the "Board") had approved a share repurchase program ("Share Repurchase Program") under which the Company may repurchase up to US\$1,000,000 worth of its Class A ordinary shares, effective through September 15, 2023. The Board has further approved the extension of the term of the Share Repurchase Program, which will be effective until December 15, 2023.

SIGNATURE

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.

Bitdeer Technologies Group

By: /s/ Linghui Kong

Name: Linghui Kong

Title: Chief Executive Officer

Date: September 20, 2023