



BullFrog AI Holdings, Inc.  
325 Ellington Blvd, Unit 317  
Gaithersburg, MD 20878  
November 24, 2025

**VIA EDGAR**

United States Securities and Exchange Commission  
Division of Corporation Finance, Office of Life Science  
100 F Street, NE  
Washington, D.C. 20549

**Re: BullFrog AI Holdings, Inc.  
Registration Statement on Form S-1 (File No. 333-290840)**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, BullFrog AI Holdings, Inc. (the "Registrant"), hereby requests acceleration of effectiveness of its registration statement on Form S-1 (File No. 333-290840), to 4:00 p.m., Eastern Time, on November 25, 2025, or as soon as practicable thereafter.

The Registrant requests that it be notified of such effectiveness by a telephone call to Peter Jaslow of Ballard Spahr LLP at (856) 761-3447.

Very truly yours,

BullFrog AI Holdings, Inc.

By: /s/ Josh Blacher

Name: Josh Blacher

Title: Chief Financial Officer

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