

January 29, 2024

VIA EDGAR

Securities and Exchange Commission
Division of Corporation Finance
100 F Street N.E.
Washington, D.C. 20549

Re: **Bullfrog AI Holdings, Inc**
Registration Statement on Form S-1 (the "Registration Statement")
File No. 333-276740

Ladies and Gentlemen: :

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Bullfrog AI Holdings, Inc. hereby respectfully requests acceleration of the effectiveness of the above-referenced Registration Statement so that such Registration Statement will become effective as of 4:30 p.m. Eastern Time, January 31, 2024, or as soon as practicable thereafter.

Sincerely,

Bullfrog AI Holdings, Inc.

By: /s/ Vininder Singh
Vininder Singh
Chief Executive Officer
